



Protecting America's Future

Y/TS-2035

**Annual Storm Water Report
for the
Y-12 National Security Complex
Oak Ridge, Tennessee**

January 2007

**Y-12
NATIONAL
SECURITY
COMPLEX**

Prepared by the
Water Compliance Section
of the
Environment Compliance Department

Prepared for the
Y-12 National Security Complex
Oak Ridge, Tennessee 37831
managed by
BWXT Y-12, L.L.C.
for the
U.S. DEPARTMENT OF ENERGY
under contract
DE-AC05-00OR22800

**MANAGED BY
BWXT Y-12, L.L.C.
FOR THE UNITED STATES
DEPARTMENT OF ENERGY**

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Executive Summary

The storm water pollution prevention program at the Y-12 National Security Complex consists of two primary elements: sampling and analysis of storm water run-off and routine inspections. When prescribed, the analytical data is compared to a set of cut-off concentration values to determine how the Y-12 Complex relates to other metal fabrication industries in the State of Tennessee. The latest set of inspection results revealed the Y-12 Complex has decreased the potential for storm water pollution by reducing the amount of raw materials, scrap metal and miscellaneous debris exposed to storm water. Future sampling/analysis and inspections are expected to have a continuing positive impact on storm water at the Y-12 Complex.

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1.0 Introduction

There are two main elements of the Storm Water Pollution Prevention Program (SWP3) at the Y-12 National Security Complex (Y-12 Complex). These are the collection and analysis of monitoring data during storm events and routine inspections to detect conditions which may contribute to storm water pollution. The National Pollutant Discharge Elimination System (NPDES) permit issued to the Y-12 Complex in May, 2006 defines the minimum actions to be performed in each of these areas. This report, also required by the NPDES permit, is summary of the analytical data gathered during 2006 and the conditions discovered during the latest round of site inspections.

2.0 Storm Water Monitoring Data

As per the NPDES permit, storm water monitoring at the Y-12 Complex is performed on three levels: sector outfalls, in-stream monitoring locations and major outfalls. Appendix A contains a summary of dates when storm water monitoring locations were sampled, and sample IDs, which are useful in referring the complete set of analytical data contained in subsequent appendices.

2.1 Sector Outfalls

Although the NPDES permit defines the Y-12 Complex to be a fabricated metal products industry, it also requires storm water monitoring be conducted for three additional "sectors." These sectors are defined in the Tennessee Storm Water Multi-Sector General Permit for Industrial Activities, Permit No. TNR050000. Each sector has prescribed cut-off concentration values and some have defined sector mean values. The Rationale portion of the NPDES permit for the Y-12 Complex states "...cut-off concentrations were developed by the EPA and the State of Tennessee and are based on data submitted by similar industries for the development of the multi-sector general storm water permit. The cut-off concentrations are target values and should not be construed to represent permit limits." Similarly, sector mean values are defined as "...a pollutant concentration calculated from all sampling results provided from facilities classified in this sector during the previous term limit." The following subsections summarize the sector monitoring activities and results during 2006. All sector outfall samples are collected via grab samples during the first 30 minutes of outfall discharge attributable to the storm event. Appendix B contains the complete set of analytical data for the sector outfalls.

2.1.1 Sector AA - Storm Water Discharges Associated with Industrial Activity from Fabricated Metal Products Industry

The SWP3 for the Y-12 Complex identifies eight outfalls in this sector. However, each outfall is to be sampled only once during the three-year life of the NPDES permit. Therefore, the monitoring schedule calls for only three of the outfalls to be monitored in 2006. They are Outfalls 008, 010 & 048. Table 2.1 presents the cut-off concentration values and the analyses results for each parameter for this sector. Sector mean values were not provided for sector AA.

Table 2.1 - Sector AA, Fabricated Metal Products Industry Analytical Results (All values are mg/l)

Parameter	Cut-Off Concentration	Outfall 008 Sampled Oct 11, 2006	Outfall 010 Sampled Oct 11, 2006	Outfall 048 Sampled Sept 18, 2006
Total Recoverable Aluminum	0.75	< 0.2	0.362	0.288
Total Recoverable Iron	5.0	0.123	0.349	0.165
Total Recoverable Zinc	0.395	<0.05	0.0636	0.0622
Nitrate plus Nitrite Nitrogen	0.68	0.834	0.709	0.538

The nitrogen levels for Outfalls 008 and 010 exceed the prescribed cut-off concentration values for this storm water sector. The precise reason for this is unknown. However, it is possible the nitrate concentration is slightly greater than background concentration due to past waste disposal practices in EFPC.

2.1.2 Sector N - Storm Water Discharges Associated with Industrial Activity from Scrap Recycling and Waste Recycling Facilities

The NPDES permit for the Y-12 Complex defines only one outfall in this sector; Outfall S30. This is a new outfall created specifically to monitor storm water run-off from the New Salvage Yard located in Subbasin N. It should be noted that this outfall does not discharge directly into the waters of the state (Bear Creek). The discharge from this outfall sheet flows across approximately 50 feet of grassy terrain prior to reaching Bear Creek. Therefore, the actual pollutants from the parameter list that actually enters the creek is probably in a lower concentration than that measured at the outfall itself. This is the first monitoring event for this new outfall. It is sampled annually. Table 2.2 presents the cut-off concentration values, the sector median values and the analyses results for each of the prescribed parameters for this sector.

Table 2.2 - Sector N, Scrap Recycling & Waste Recycling Facilities Analytical Results (All values are mg/l)

Parameter	Cut-Off Concentration	Sector Mean Value	Outfall S30 Sampled Sept 28, 2006
Chemical Oxygen Demand (COD)	120	79	15
Total Suspended Solids (TSS)	200	72	141
Total Recoverable Aluminum	0.75	2.08	8.98
Total Recoverable Copper	0.0636	0.091	0.00728
Total Recoverable Iron	5.0	3.7	5.39
Total Recoverable Lead	0.156	0.058	0.00438
Total Recoverable Zinc	0.395	0.243	0.0233

The aluminum and iron levels for Outfall S30 exceed the prescribed cut-off concentration values for this storm water sector. The elevated levels of these parameters are most likely due to the materials located in this drainage area at the time of sampling. Scrap metals, empty containers, equipment, and scrap metal pieces are staged in this location awaiting final disposal or recycle and the amount of material in this area varies greatly over time.

2.1.3 Sector L - Storm Water Discharges Associated with Industrial Activity from Landfills and Land Application Sites

The NPDES permit for the Y-12 Complex defines three outfalls in this sector; Outfall S17, S18 and S26. However, only one outfall is required to be sampled each year. The monitoring scheduled called for Outfall S17 to be sampled in 2006. Table 2.2 presents the cut-off concentration values, the sector median values and the analyses results for each of the parameters for this sector.

Table 2.3 - Sector L, Landfills and Land Application Sites
Analytical Results (All values are mg/l)

Parameter	Cut-Off Concentration	Sector Mean Value	Outfall S17 Sampled Sept 28, 2006
Total Suspended Solids (TSS)	200	47	3.8
Total Recoverable Iron	5.0	2.2	0.166

Per the information presented in Table 2.3, the monitoring results for Sector L (Outfall S17) do not exceed the cut-off concentration values for any of the required parameters.

2.1.4 Sector K - Storm Water Discharges Associated with Treatment, Storage and Disposal Facilities

The NPDES permit for the Y-12 Complex defines only one outfall in this sector; Outfall S06. This is an instream monitoring point located near the headwaters of Bear Creek, just downstream from several waste treatment facilities. This outfall is sampled annually. Table 2.4 presents the cut-off concentration values, the sector median values and the analyses results for each of the parameters for this sector.

Table 2.4 - Sector K, Treatment, Storage and Disposal Facilities
Analytical Results (All values are mg/l)

Parameter	Cut-Off Concentration	Sector Mean Value	Outfall S06 Sampled Sept 18, 2006
Ammonia	4.0	0.21	<0.2
Total Recoverable Magnesium	0.0636	1.41	17.9
Chemical Oxygen Demand (COD)	120	20	14
Total Recoverable Cadmium	0.0159	0.010	.00579
Total Cyanide	0.0636	0.010	0.0156
Total Recoverable Lead	0.156	0.016	0.001
Total Recoverable Mercury	0.0024	0.0002	<0.00021
Total Recoverable Selenium	0.2385	0.100	<0.004
Total Recoverable Silver	0.0318	0.009	<0.0004

The level of magnesium at this monitoring point exceeds the prescribed cut-off concentration. The precise reason for this is not known; however, the concentration of magnesium in water exceeds this cut-off concentration value at nearly every monitoring point at the Y-12 Complex.

2.2 In-Stream Monitoring Locations

Four new in-stream monitoring locations were introduced in the most recent NPDES permit. All four of these locations are in East Fork Poplar Creek (EFPC) and they are designated as C03, C05, C08 and C11. Each of these locations is required to be sampled every year for an extensive list of parameters. Water samples were taken via both the composite and grab methods. Additionally, a sample of stream baseload sediment was collected at each in-stream location.

2.2.1 In-Stream Water Sampling

Composite samples were collected from the water column as flow proportional aliquots. Grab samples were collected during the first 30 minutes of increased flow due to the storm event. Table 2.5 contains a listing of some of the more prominent contaminants of concern. There are no permit limits or cut-off concentration values for these parameters. They are included in the table due to either being called out specifically in the NPDES permit or being indicative of the operations at the Y-12 Complex. When more than one sample was taken at a particular location, the larger result is listed in the table below. Appendix C contains the complete set of analytical data for the in-stream monitoring locations.

Table 2.5 - In-Stream Water Analytical Results
(All values are mg/l)

Monitoring Location	NO ₃ /NO ₂ as N	PCB	Total U	Hg	Fe	Cu	Mg
C03	1.09	0.00049	0.0064	0.00209	3.65	0.0161	8.14
C05	0.80	0.00049	0.0111	0.00129	4.68	0.0106	8.23
C08	1.17	0.00049	0.0059	0.00154	3.19	0.0132	8.29
C11	1.26	0.00049	0.0329	0.000659	1.07	0.0121	8.88
Raw H ₂ O	0.460	0.00049	0.000218	<0.00021	0.288	<0.002	11.9

The level of nitrate/nitrite as nitrogen is relatively consistent down the monitored length of EFPC. However, all values are above the cut-off concentration for Sector AA, Metal Fabrication Activities. The high levels of nitrates in the groundwater at the Y-12 Complex are the most likely source of these elevated values. All other parameters are within the expected range for a metal fabrication facility.

The flow augmentation (Raw H₂O) discharge was included in this table in an attempt to delineate the source of potential contaminants. The concentration of each listed parameter is less in the flow augmentation discharge than it is at the in-stream locations, with the exception of magnesium. The concentration of magnesium discharged from the Y-12 Complex is actually lower than that found in the nearby Clinch River.

2.2.2 In-Stream Baseload Sediment Sampling

The collection of stream baseload sediment samples was new to the Y-12 Complex. Therefore, more than one attempt to collect the sediment sample had to be made at two of the locations (C03 & C11). This was necessary in order to find a point at the monitoring location where sediment was being transported by the increased stream flow. A torpedo sampler with a fine mesh sock was used to collect the sample. The sediment sampler frequently had to be left in the stream flow beyond the prescribed 30 minutes in order to collect an adequate volume of sediment for analysis. However, the samplers were removed prior to the stream returning to pre-storm event conditions.

Table 2.6 contains a listing of some of the more prominent parameters. There are no permit cut-off concentration values or limits for these parameters. They are included in the table due to either being called out specifically in the NPDES permit or being indicative of the operations at the Y-12 Complex. Appendix C contains the complete set of analytical data for the in-stream monitoring locations.

Table 2.6 - In-Stream Sediment Analytical Results
 (All values are mg/kg)

Monitoring Location	PCB	Hg	Al	Ca	Fe	Mg	Zn
C03	3.59	0.0176	4.43	25.6	9.61	5.4	0.311
C05	0.66	0.0089	3.21	188.0	6.31	21.7	0.126
C08	1.7	0.0354	12.2	63.4	25.3	11.6	0.400
C11	2.3	0.0107	6.34	85.6	17.3	17.7	0.527

The PCB levels, when compared to the soil remediation level for PCB of 10 mg/kg presented in the Record of Decision for Phase II Interim Remedial Actions for Contaminated Soils and Scrapyard in Upper East Fork Poplar Creek, Oak Ridge, Tennessee (DOE/OR/01-2229) (March, 2006) are well below a level of concern. Mercury levels are the results of legacy contamination. Remediation projects identified in Record of Decision for Phase I Interim Source Control Actions in the Upper East Fork Poplar Creek Characterization Area (DOE/OR/01-1951)(May, 2002) are currently ongoing and are scheduled for completion in 2015. The elevated calcium levels are probably the result of limestone geology in this area along with newly exposed concrete slabs which results from building demolition projects. All other parameters are typical of a metal fabrication facility.

2.3 Major Outfalls

The NPDES permit calls out three major outfalls (021, 109 & 200) for specific sampling in addition to the raw water flow augmentation. Information regarding flow augmentation is included in the previous section due to if being a primary component of the flow at the in-stream monitoring locations. A summary of the more notable parameters is in Table 2.7. These parameters are required to be monitored by the NPDES permit; however, they are not subject to permit limits or cut-off concentrations.

Table 2.7 - Major Outfall Analytical Results
 (All values are mg/l)

Monitoring Location	NO ₃ /NO ₂ as N	PCB	Total U	Hg	Fe	Cu	Mg
Outfall 021	0.322	0.00049	0.0018	<0.00021	1.92	0.0110	4.76
Outfall 109	0.335	0.00049	0.0017	<0.00021	7.73	0.0121	8.64
Outfall 200	3.15	0.00049	0.0101	0.00202	1.46	0.0240	8.51

Appendix D contains the complete set of analytical data for the three listed major outfalls.

3.0 Surveillance Results

The Y-12 Complex consists of 27 subbasins. Each subbasin is inspected twice per year as required by the NPDES permit and the SWP3. Following are lists of noticeable improvements and areas where there are opportunities for improvement.

Notable Improvements

- The amount of debris around the Y-12 Complex has been significantly reduced over the last several years. This is due to a number of different programs which are integral parts of the Y-12 PrYde program. The reduction in the amount of debris has helped to achieve the requirement to maintain a neat and orderly facility.

- Dozens of new carport-type canopies have been erected around the Y-12 Complex. These are used to prevent storm water from coming in contact with raw and scrap materials, motorized equipment, road deicing chemicals and other items which could adversely affect the quality of storm water run-off.
- Erosion control measures are being implemented for both demolition and construction projects. While there were a few problems with storm water run-off early in the construction of the Jack Case facility, improvements were promptly implemented and have been maintained throughout the project.

Opportunities for Improvement

- Locations continue to exist where raw and recyclable materials are exposed to storm water.
- Although much progress has been made in maintaining a neat and orderly facility, there continue to be a few locations where improvement can be made.
- It was noted that certain storm water catch basins around the Y-12 Complex seem to collect more organic debris (grass clippings, small tree limbs, etc) than others. These will continue to be regularly inspected to ensure they are properly maintained.

4.0 Conclusion

The effectiveness of the Y-12 Complex storm water pollution prevention program is improving. The amount of exposed raw materials, scrap metal and other miscellaneous debris has been significantly reduced over the last several years. While the monitoring data indicates that some improvement is needed, the quality of storm water leaving the Y-12 Complex is considered to be good as compared to other metal fabrication facilities. Future sampling and inspections will focus on continued improvement.

Appendix A

2006 Storm Water Sampling

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2006 Storm Water Sampling

Category	Outfall	Composite Samples		Grab Samples		Sediment Samples	
		Sample ID	Date Taken	Sample ID	Date Taken	Sample ID	Date Taken
Sector AA	008	N/A	N/A	20060830 0001	11-Oct-06	N/A	N/A
Sector AA	010	N/A	N/A	20060830 0002	11-Oct-06	N/A	N/A
Sector AA	048	N/A	N/A	20060918 0008	18-Sep-06	N/A	N/A
Sector N	S30	N/A	N/A	20060912 0025	28-Sep-06	N/A	N/A
Sector L	S17	N/A	N/A	20060911 0009	28-Sep-06	N/A	N/A
Sector K	S06	N/A	N/A	20060912 0022	18-Sep-06	N/A	N/A
In-Stream	C03	20061010 0032	27-Oct-06	20061016 0007	27-Oct-06	None collected during this monitoring event	
In-Stream	C03	20061107 0012	7-Nov-06	20061107 0013	7-Nov-06	20061108 0005	8-Nov-06
In-Stream	C05	20061115 0003	15-Nov-06	20061115 0001	15-Nov-06	20061116 0001	16-Nov-06
In-Stream	C08	20061026 0003	27-Oct-06	20061026 0002	27-Oct-06	20061026 0004	30-Oct-06
In-Stream	C08	20061107 0009	7-Nov-06	20061107 0006	7-Nov-06	None collected during this monitoring event	
In-Stream	C11	20061016 0004	27-Oct-06	20061016 0003	27-Oct-06	None collected during this monitoring event	
In-Stream	C11	20061107 0004	7-Nov-06	20061107 0003	7-Nov-06	None collected during this monitoring event	
In-Stream	C11	20061114 0004	16-Nov-06	20061114 0005	15-Nov-06	20061108 0003	16-Nov-06
Major OF	021	20060912 0010	19-Sep-06	20060912 0012	18-Sep-06	N/A	N/A
Major OF	109	20060921 0003	22-Sep-06	20060921 0001	22-Sep-06	N/A	N/A
Major OF	200	20060831 0004	18-Sep-06	20060830 0059	18-Sep-06	N/A	N/A
Major OF	RW	20060831 0005	27-Oct-06	20061016 0001	27-Oct-06	N/A	N/A
Major OF	RW	20061106 0002	7-Nov-06	20061106 0001	7-Nov-06	N/A	N/A
Major OF	RW	20061114 0002	15-Nov-06	20061114 0001	15-Nov-06	N/A	N/A

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Appendix B
Storm Water Sector Outfall Data

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Sector AA
Outfall 008

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
008	20060830 0001	Grab	11-Oct-06	Ag	< 0.02	mg/L
008	20060830 0001	Grab	11-Oct-06	Al	< 0.2	mg/L
008	20060830 0001	Grab	11-Oct-06	As	< 0.2	mg/L
008	20060830 0001	Grab	11-Oct-06	B	< 0.1	mg/L
008	20060830 0001	Grab	11-Oct-06	Ba	0.0190	mg/L
008	20060830 0001	Grab	11-Oct-06	Be	< 0.0005	mg/L
008	20060830 0001	Grab	11-Oct-06	Ca	12.3	mg/L
008	20060830 0001	Grab	11-Oct-06	Cd	< 0.01	mg/L
008	20060830 0001	Grab	11-Oct-06	Co	< 0.02	mg/L
008	20060830 0001	Grab	11-Oct-06	Cr	< 0.02	mg/L
008	20060830 0001	Grab	11-Oct-06	Cu	< 0.02	mg/L
008	20060830 0001	Grab	11-Oct-06	Fe	0.123	mg/L
008	20060830 0001	Grab	11-Oct-06	K	< 2	mg/L
008	20060830 0001	Grab	11-Oct-06	Li	< 0.01	mg/L
008	20060830 0001	Grab	11-Oct-06	Mg	2.34	mg/L
008	20060830 0001	Grab	11-Oct-06	Mn	0.0156	mg/L
008	20060830 0001	Grab	11-Oct-06	Mo	< 0.02	mg/L
008	20060830 0001	Grab	11-Oct-06	Na	0.690	mg/L
008	20060830 0001	Grab	11-Oct-06	Nb	< 0.2	mg/L
008	20060830 0001	Grab	11-Oct-06	Ni	< 0.05	mg/L
008	20060830 0001	Grab	11-Oct-06	P	< 0.5	mg/L
008	20060830 0001	Grab	11-Oct-06	Pb	< 0.1	mg/L
008	20060830 0001	Grab	11-Oct-06	S	25.2	mg/L
008	20060830 0001	Grab	11-Oct-06	Sb	< 0.2	mg/L
008	20060830 0001	Grab	11-Oct-06	Se	< 0.2	mg/L
008	20060830 0001	Grab	11-Oct-06	Sr	0.0220	mg/L
008	20060830 0001	Grab	11-Oct-06	Th	< 0.2	mg/L
008	20060830 0001	Grab	11-Oct-06	Ti	< 0.05	mg/L
008	20060830 0001	Grab	11-Oct-06	Tl	< 0.2	mg/L
008	20060830 0001	Grab	11-Oct-06	V	< 0.02	mg/L
008	20060830 0001	Grab	11-Oct-06	Zn	< 0.05	mg/L
008	20060830 0001	Grab	11-Oct-06	Zr	< 0.2	mg/L
008	20060830 0001	Grab	11-Oct-06	NO ₃ /NO ₂ asN	0.834	mg/L

Sector AA
Outfall 010

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
010	20060830	0002	Grab	11-Oct-06	Ag	< 0.02	mg/L
010	20060830	0002	Grab	11-Oct-06	Al	0.362	mg/L
010	20060830	0002	Grab	11-Oct-06	As	< 0.2	mg/L
010	20060830	0002	Grab	11-Oct-06	B	< 0.1	mg/L
010	20060830	0002	Grab	11-Oct-06	Ba	0.0285	mg/L
010	20060830	0002	Grab	11-Oct-06	Be	< 0.0005	mg/L
010	20060830	0002	Grab	11-Oct-06	Ca	25.8	mg/L
010	20060830	0002	Grab	11-Oct-06	Cd	< 0.01	mg/L
010	20060830	0002	Grab	11-Oct-06	Co	< 0.02	mg/L
010	20060830	0002	Grab	11-Oct-06	Cr	< 0.02	mg/L
010	20060830	0002	Grab	11-Oct-06	Cu	< 0.02	mg/L
010	20060830	0002	Grab	11-Oct-06	Fe	0.349	mg/L
010	20060830	0002	Grab	11-Oct-06	K	< 2	mg/L
010	20060830	0002	Grab	11-Oct-06	Li	< 0.01	mg/L
010	20060830	0002	Grab	11-Oct-06	Mg	4.79	mg/L
010	20060830	0002	Grab	11-Oct-06	Mn	0.0140	mg/L
010	20060830	0002	Grab	11-Oct-06	Mo	< 0.02	mg/L
010	20060830	0002	Grab	11-Oct-06	Na	17.7	mg/L
010	20060830	0002	Grab	11-Oct-06	Nb	< 0.2	mg/L
010	20060830	0002	Grab	11-Oct-06	Ni	< 0.05	mg/L
010	20060830	0002	Grab	11-Oct-06	P	< 0.5	mg/L
010	20060830	0002	Grab	11-Oct-06	Pb	< 0.1	mg/L
010	20060830	0002	Grab	11-Oct-06	S	8.97	mg/L
010	20060830	0002	Grab	11-Oct-06	Sb	< 0.2	mg/L
010	20060830	0002	Grab	11-Oct-06	Se	< 0.2	mg/L
010	20060830	0002	Grab	11-Oct-06	Sr	0.0605	mg/L
010	20060830	0002	Grab	11-Oct-06	Th	< 0.2	mg/L
010	20060830	0002	Grab	11-Oct-06	Ti	< 0.05	mg/L
010	20060830	0002	Grab	11-Oct-06	Tl	< 0.2	mg/L
010	20060830	0002	Grab	11-Oct-06	V	< 0.02	mg/L
010	20060830	0002	Grab	11-Oct-06	Zn	0.0636	mg/L
010	20060830	0002	Grab	11-Oct-06	Zr	< 0.2	mg/L
010	20060830	0002	Grab	11-Oct-06	NO ₃ /NO ₂ asN	0.709	mg/L

Sector AA
Outfall 048

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
048	20060918	0008	Grab	18-Sep-06	Ag	< 0.02	mg/L
048	20060918	0008	Grab	18-Sep-06	Al	0.288	mg/L
048	20060918	0008	Grab	18-Sep-06	As	< 0.2	mg/L
048	20060918	0008	Grab	18-Sep-06	B	< 0.1	mg/L
048	20060918	0008	Grab	18-Sep-06	Ba	0.0350	mg/L
048	20060918	0008	Grab	18-Sep-06	Be	< 0.0005	mg/L
048	20060918	0008	Grab	18-Sep-06	Ca	31.9	mg/L
048	20060918	0008	Grab	18-Sep-06	Cd	< 0.01	mg/L
048	20060918	0008	Grab	18-Sep-06	Co	< 0.02	mg/L
048	20060918	0008	Grab	18-Sep-06	Cr	< 0.02	mg/L
048	20060918	0008	Grab	18-Sep-06	Cu	0.0297	mg/L
048	20060918	0008	Grab	18-Sep-06	Fe	0.165	mg/L
048	20060918	0008	Grab	18-Sep-06	K	2.47	mg/L
048	20060918	0008	Grab	18-Sep-06	Li	< 0.01	mg/L
048	20060918	0008	Grab	18-Sep-06	Mg	7.58	mg/L
048	20060918	0008	Grab	18-Sep-06	Mn	0.0173	mg/L
048	20060918	0008	Grab	18-Sep-06	Mo	< 0.02	mg/L
048	20060918	0008	Grab	18-Sep-06	Na	11.7	mg/L
048	20060918	0008	Grab	18-Sep-06	Nb	< 0.2	mg/L
048	20060918	0008	Grab	18-Sep-06	Ni	< 0.05	mg/L
048	20060918	0008	Grab	18-Sep-06	P	< 0.5	mg/L
048	20060918	0008	Grab	18-Sep-06	Pb	< 0.1	mg/L
048	20060918	0008	Grab	18-Sep-06	S	9.29	mg/L
048	20060918	0008	Grab	18-Sep-06	Sb	< 0.2	mg/L
048	20060918	0008	Grab	18-Sep-06	Se	< 0.2	mg/L
048	20060918	0008	Grab	18-Sep-06	Sr	0.0946	mg/L
048	20060918	0008	Grab	18-Sep-06	Th	< 0.2	mg/L
048	20060918	0008	Grab	18-Sep-06	Ti	< 0.05	mg/L
048	20060918	0008	Grab	18-Sep-06	Tl	< 0.2	mg/L
048	20060918	0008	Grab	18-Sep-06	V	< 0.02	mg/L
048	20060918	0008	Grab	18-Sep-06	Zn	0.0622	mg/L
048	20060918	0008	Grab	18-Sep-06	Zr	< 0.2	mg/L
048	20060918	0008	Grab	18-Sep-06	NO ₃ /NO ₂ asN	0.538	mg/L

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**Sector N
Outfall S30**

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
S30	20060912	0025	Grab	28-Sep-06	SuspSolids	141	mg/L
S30	20060912	0025	Grab	28-Sep-06	COD	15	mg/L
S30	20060912	0025	Grab	28-Sep-06	Ag	< 0.02	mg/L
S30	20060912	0025	Grab	28-Sep-06	Al	8.98	mg/L
S30	20060912	0025	Grab	28-Sep-06	As	< 0.2	mg/L
S30	20060912	0025	Grab	28-Sep-06	B	< 0.1	mg/L
S30	20060912	0025	Grab	28-Sep-06	Ba	0.0986	mg/L
S30	20060912	0025	Grab	28-Sep-06	Be	< 0.0005	mg/L
S30	20060912	0025	Grab	28-Sep-06	Ca	87.1	mg/L
S30	20060912	0025	Grab	28-Sep-06	Cd	< 0.01	mg/L
S30	20060912	0025	Grab	28-Sep-06	Co	< 0.02	mg/L
S30	20060912	0025	Grab	28-Sep-06	Cr	< 0.02	mg/L
S30	20060912	0025	Grab	28-Sep-06	Cu	< 0.02	mg/L
S30	20060912	0025	Grab	28-Sep-06	Fe	5.39	mg/L
S30	20060912	0025	Grab	28-Sep-06	K	5.01	mg/L
S30	20060912	0025	Grab	28-Sep-06	Li	0.0155	mg/L
S30	20060912	0025	Grab	28-Sep-06	Mg	14.7	mg/L
S30	20060912	0025	Grab	28-Sep-06	Mn	0.135	mg/L
S30	20060912	0025	Grab	28-Sep-06	Mo	< 0.02	mg/L
S30	20060912	0025	Grab	28-Sep-06	Na	0.898	mg/L
S30	20060912	0025	Grab	28-Sep-06	Nb	< 0.2	mg/L
S30	20060912	0025	Grab	28-Sep-06	Ni	< 0.05	mg/L
S30	20060912	0025	Grab	28-Sep-06	P	< 0.5	mg/L
S30	20060912	0025	Grab	28-Sep-06	Pb	< 0.1	mg/L
S30	20060912	0025	Grab	28-Sep-06	S	23.2	mg/L
S30	20060912	0025	Grab	28-Sep-06	Sb	< 0.2	mg/L
S30	20060912	0025	Grab	28-Sep-06	Sc	< 0.2	mg/L
S30	20060912	0025	Grab	28-Sep-06	Sr	0.295	mg/L
S30	20060912	0025	Grab	28-Sep-06	Th	< 0.2	mg/L
S30	20060912	0025	Grab	28-Sep-06	Ti	0.313	mg/L
S30	20060912	0025	Grab	28-Sep-06	Tl	< 0.2	mg/L
S30	20060912	0025	Grab	28-Sep-06	V	< 0.02	mg/L
S30	20060912	0025	Grab	28-Sep-06	Zn	< 0.05	mg/L
S30	20060912	0025	Grab	28-Sep-06	Zr	< 0.2	mg/L
S30	20060912	0025	Grab	28-Sep-06	As	< 0.002	mg/L
S30	20060912	0025	Grab	28-Sep-06	Ag	< 0.0004	mg/L
S30	20060912	0025	Grab	28-Sep-06	Be	< 0.0002	mg/L
S30	20060912	0025	Grab	28-Sep-06	Cd	< 0.001	mg/L

Sector N
Outfall S30
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
S30	20060912 0025	Grab	28-Sep-06	Co	0.00320	mg/L
S30	20060912 0025	Grab	28-Sep-06	Cr	0.00828	mg/L
S30	20060912 0025	Grab	28-Sep-06	Cu	0.00728	mg/L
S30	20060912 0025	Grab	28-Sep-06	Mn	0.114	mg/L
S30	20060912 0025	Grab	28-Sep-06	Mo	0.00103	mg/L
S30	20060912 0025	Grab	28-Sep-06	Ni	0.00649	mg/L
S30	20060912 0025	Grab	28-Sep-06	Pb	0.00438	mg/L
S30	20060912 0025	Grab	28-Sep-06	Sb	< 0.001	mg/L
S30	20060912 0025	Grab	28-Sep-06	Se	< 0.004	mg/L
S30	20060912 0025	Grab	28-Sep-06	Th	0.00130	mg/L
S30	20060912 0025	Grab	28-Sep-06	Tl	< 0.0002	mg/L
S30	20060912 0025	Grab	28-Sep-06	Zn	0.0233	mg/L

**Sector L
Outfall S17**

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
S17	20060911	0009	Grab	28-Sep-06	Ag	< 0.02	mg/L
S17	20060911	0009	Grab	28-Sep-06	Al	0.266	mg/L
S17	20060911	0009	Grab	28-Sep-06	As	< 0.2	mg/L
S17	20060911	0009	Grab	28-Sep-06	B	< 0.1	mg/L
S17	20060911	0009	Grab	28-Sep-06	Ba	0.0584	mg/L
S17	20060911	0009	Grab	28-Sep-06	Be	< 0.0005	mg/L
S17	20060911	0009	Grab	28-Sep-06	Ca	39.2	mg/L
S17	20060911	0009	Grab	28-Sep-06	Cd	< 0.01	mg/L
S17	20060911	0009	Grab	28-Sep-06	Co	< 0.02	mg/L
S17	20060911	0009	Grab	28-Sep-06	Cr	< 0.02	mg/L
S17	20060911	0009	Grab	28-Sep-06	Cu	< 0.02	mg/L
S17	20060911	0009	Grab	28-Sep-06	Fe	0.166	mg/L
S17	20060911	0009	Grab	28-Sep-06	K	< 2	mg/L
S17	20060911	0009	Grab	28-Sep-06	Li	< 0.01	mg/L
S17	20060911	0009	Grab	28-Sep-06	Mg	15.8	mg/L
S17	20060911	0009	Grab	28-Sep-06	Mn	0.0177	mg/L
S17	20060911	0009	Grab	28-Sep-06	Mo	< 0.02	mg/L
S17	20060911	0009	Grab	28-Sep-06	Na	0.914	mg/L
S17	20060911	0009	Grab	28-Sep-06	Nb	< 0.2	mg/L
S17	20060911	0009	Grab	28-Sep-06	Ni	< 0.05	mg/L
S17	20060911	0009	Grab	28-Sep-06	P	< 0.5	mg/L
S17	20060911	0009	Grab	28-Sep-06	Pb	< 0.1	mg/L
S17	20060911	0009	Grab	28-Sep-06	S	2.72	mg/L
S17	20060911	0009	Grab	28-Sep-06	Sb	< 0.2	mg/L
S17	20060911	0009	Grab	28-Sep-06	Se	< 0.2	mg/L
S17	20060911	0009	Grab	28-Sep-06	Sr	0.0555	mg/L
S17	20060911	0009	Grab	28-Sep-06	Th	< 0.2	mg/L
S17	20060911	0009	Grab	28-Sep-06	Ti	< 0.05	mg/L
S17	20060911	0009	Grab	28-Sep-06	Tl	< 0.2	mg/L
S17	20060911	0009	Grab	28-Sep-06	V	< 0.02	mg/L
S17	20060911	0009	Grab	28-Sep-06	Zn	< 0.05	mg/L
S17	20060911	0009	Grab	28-Sep-06	Zr	< 0.2	mg/L
S17	20060911	0009	Grab	28-Sep-06	SuspSolids	3.80	mg/L

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Sector K Outfall S06

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
S06	20060912	0022	Grab	18-Sep-06	Cyanide	0.0156	mg/L
S06	20060912	0022	Grab	18-Sep-06	COD	14	mg/L
S06	20060912	0022	Grab	18-Sep-06	Hg	< 0.00021	mg/L
S06	20060912	0022	Grab	18-Sep-06	Ag	< 0.02	mg/L
S06	20060912	0022	Grab	18-Sep-06	Al	0.878	mg/L
S06	20060912	0022	Grab	18-Sep-06	As	< 0.2	mg/L
S06	20060912	0022	Grab	18-Sep-06	B	< 0.1	mg/L
S06	20060912	0022	Grab	18-Sep-06	Ba	0.221	mg/L
S06	20060912	0022	Grab	18-Sep-06	Be	< 0.0005	mg/L
S06	20060912	0022	Grab	18-Sep-06	Ca	136	mg/L
S06	20060912	0022	Grab	18-Sep-06	Cd	< 0.01	mg/L
S06	20060912	0022	Grab	18-Sep-06	Co	< 0.02	mg/L
S06	20060912	0022	Grab	18-Sep-06	Cr	< 0.02	mg/L
S06	20060912	0022	Grab	18-Sep-06	Cu	< 0.02	mg/L
S06	20060912	0022	Grab	18-Sep-06	Fe	0.614	mg/L
S06	20060912	0022	Grab	18-Sep-06	K	4.55	mg/L
S06	20060912	0022	Grab	18-Sep-06	Li	< 0.01	mg/L
S06	20060912	0022	Grab	18-Sep-06	Mg	17.9	mg/L
S06	20060912	0022	Grab	18-Sep-06	Mn	1.09	mg/L
S06	20060912	0022	Grab	18-Sep-06	Mo	< 0.02	mg/L
S06	20060912	0022	Grab	18-Sep-06	Na	29.3	mg/L
S06	20060912	0022	Grab	18-Sep-06	Nb	< 0.2	mg/L
S06	20060912	0022	Grab	18-Sep-06	Ni	< 0.05	mg/L
S06	20060912	0022	Grab	18-Sep-06	P	< 0.5	mg/L
S06	20060912	0022	Grab	18-Sep-06	Pb	< 0.1	mg/L
S06	20060912	0022	Grab	18-Sep-06	S	10.0	mg/L
S06	20060912	0022	Grab	18-Sep-06	Sb	< 0.2	mg/L
S06	20060912	0022	Grab	18-Sep-06	Se	< 0.2	mg/L
S06	20060912	0022	Grab	18-Sep-06	Sr	0.357	mg/L
S06	20060912	0022	Grab	18-Sep-06	Th	< 0.2	mg/L
S06	20060912	0022	Grab	18-Sep-06	Ti	< 0.05	mg/L
S06	20060912	0022	Grab	18-Sep-06	Tl	< 0.2	mg/L
S06	20060912	0022	Grab	18-Sep-06	V	< 0.02	mg/L
S06	20060912	0022	Grab	18-Sep-06	Zn	< 0.05	mg/L
S06	20060912	0022	Grab	18-Sep-06	Zr	< 0.2	mg/L
S06	20060912	0022	Grab	18-Sep-06	As	< 0.002	mg/L
S06	20060912	0022	Grab	18-Sep-06	Ag	< 0.0004	mg/L
S06	20060912	0022	Grab	18-Sep-06	Be	< 0.0002	mg/L

Sector K
Outfall S06
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
S06	20060912	0022	Grab	18-Sep-06	Cd	0.00579
S06	20060912	0022	Grab	18-Sep-06	Co	0.00199
S06	20060912	0022	Grab	18-Sep-06	Cr	< 0.004
S06	20060912	0022	Grab	18-Sep-06	Cu	0.00986
S06	20060912	0022	Grab	18-Sep-06	Mn	1.04
S06	20060912	0022	Grab	18-Sep-06	Mo	0.000448
S06	20060912	0022	Grab	18-Sep-06	Ni	0.0230
S06	20060912	0022	Grab	18-Sep-06	Pb	0.00100
S06	20060912	0022	Grab	18-Sep-06	Sb	< 0.001
S06	20060912	0022	Grab	18-Sep-06	Se	< 0.004
S06	20060912	0022	Grab	18-Sep-06	Th	< 0.0004
S06	20060912	0022	Grab	18-Sep-06	Tl	< 0.0002
S06	20060912	0022	Grab	18-Sep-06	U	0.107
S06	20060912	0022	Grab	18-Sep-06	Zn	0.0260
S06	20060912	0022	Grab	18-Sep-06	NH3asN	< 0.2

Appendix C
Storm Water In-Stream Monitoring Location Data

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In-Stream Monitoring Location C03

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C03	N/A	Field	27-Oct-06	pH	7.7	
C03	20061016 0007	Grab	27-Oct-06	E. coli	560	col/100ml
C03	20061016 0007	Grab	27-Oct-06	HexExMatl	< 5.8	mg/L
C03	20061010 0032	Composite	27-Oct-06	Hg	0.000986	mg/L
C03	20061010 0032	Composite	27-Oct-06	Ag	< 0.02	mg/L
C03	20061010 0032	Composite	27-Oct-06	Al	1.60	mg/L
C03	20061010 0032	Composite	27-Oct-06	As	< 0.2	mg/L
C03	20061010 0032	Composite	27-Oct-06	B	< 0.1	mg/L
C03	20061010 0032	Composite	27-Oct-06	Ba	0.0452	mg/L
C03	20061010 0032	Composite	27-Oct-06	Be	< 0.0005	mg/L
C03	20061010 0032	Composite	27-Oct-06	Ca	32.7	mg/L
C03	20061010 0032	Composite	27-Oct-06	Cd	< 0.01	mg/L
C03	20061010 0032	Composite	27-Oct-06	Co	< 0.02	mg/L
C03	20061010 0032	Composite	27-Oct-06	Cr	< 0.02	mg/L
C03	20061010 0032	Composite	27-Oct-06	Cu	< 0.02	mg/L
C03	20061010 0032	Composite	27-Oct-06	Fe	1.44	ng/L
C03	20061010 0032	Composite	27-Oct-06	K	2.08	mg/L
C03	20061010 0032	Composite	27-Oct-06	Li	0.0137	mg/L
C03	20061010 0032	Composite	27-Oct-06	Mg	8.14	mg/L
C03	20061010 0032	Composite	27-Oct-06	Mn	0.145	mg/L
C03	20061010 0032	Composite	27-Oct-06	Mo	< 0.02	mg/L
C03	20061010 0032	Composite	27-Oct-06	Na	5.52	mg/L
C03	20061010 0032	Composite	27-Oct-06	Nb	< 0.2	mg/L
C03	20061010 0032	Composite	27-Oct-06	Ni	< 0.05	mg/L
C03	20061010 0032	Composite	27-Oct-06	P	< 0.5	mg/L
C03	20061010 0032	Composite	27-Oct-06	Pb	< 0.1	mg/L
C03	20061010 0032	Composite	27-Oct-06	S	7.01	mg/L
C03	20061010 0032	Composite	27-Oct-06	Sb	< 0.2	mg/L
C03	20061010 0032	Composite	27-Oct-06	Se	< 0.2	mg/L
C03	20061010 0032	Composite	27-Oct-06	Sr	0.0911	mg/L
C03	20061010 0032	Composite	27-Oct-06	Th	< 0.2	mg/L
C03	20061010 0032	Composite	27-Oct-06	Ti	< 0.05	mg/L
C03	20061010 0032	Composite	27-Oct-06	Tl	< 0.2	mg/L
C03	20061010 0032	Composite	27-Oct-06	V	< 0.02	mg/L
C03	20061010 0032	Composite	27-Oct-06	Zn	0.0571	mg/L
C03	20061010 0032	Composite	27-Oct-06	Zr	< 0.2	mg/L
C03	20061010 0032	Composite	27-Oct-06	As	< 0.002	mg/L
C03	20061010 0032	Composite	27-Oct-06	Be	< 0.0002	mg/L

In-Stream Monitoring
Location C03
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C03	20061010 0032	Composite	27-Oct-06	Cd	< 0.001	mg/L
C03	20061010 0032	Composite	27-Oct-06	Co	0.000942	mg/L
C03	20061010 0032	Composite	27-Oct-06	Cr	< 0.004	mg/L
C03	20061010 0032	Composite	27-Oct-06	Ag	< 0.0004	mg/L
C03	20061010 0032	Composite	27-Oct-06	Cu	0.00920	mg/L
C03	20061010 0032	Composite	27-Oct-06	Mn	0.149	mg/L
C03	20061010 0032	Composite	27-Oct-06	Mo	0.00691	mg/L
C03	20061010 0032	Composite	27-Oct-06	Ni	0.00301	mg/L
C03	20061010 0032	Composite	27-Oct-06	Pb	0.00311	mg/L
C03	20061010 0032	Composite	27-Oct-06	Sb	< 0.001	mg/L
C03	20061010 0032	Composite	27-Oct-06	Se	< 0.004	mg/L
C03	20061010 0032	Composite	27-Oct-06	Th	< 0.0004	mg/L
C03	20061010 0032	Composite	27-Oct-06	Tl	< 0.0002	mg/L
C03	20061010 0032	Composite	27-Oct-06	U	0.00471	mg/L
C03	20061010 0032	Composite	27-Oct-06	Zn	0.0500	mg/L
C03	20061010 0032	Composite	27-Oct-06	KjeldahlN	< 0.5	mg/L
C03	20061010 0032	Composite	27-Oct-06	Surfactan	< 0.05	mg/L
C03	20061010 0032	Composite	27-Oct-06	NO3/NO2asN	1.09	mg/L
C03	20061010 0032	Composite	27-Oct-06	SuspSolids	22.8	mg/L
C03	20061010 0032	Composite	27-Oct-06	U	0.0044	mg/L
C03	20061010 0032	Composite	27-Oct-06	U235%	0.61	wt %
C03	N/A	Field	7-Nov-06	pH	7.9	
C03	20061107 0013	Grab	7-Nov-06	E. coli	280	col/100ml
C03	20061107 0013	Grab	7-Nov-06	HexExMatl	< 5.7	mg/L
C03	20061107 0012	Composite	7-Nov-06	KjeldahlN	< 0.5	mg/L
C03	20061107 0012	Composite	7-Nov-06	Hg	0.00209	mg/L
C03	20061107 0012	Composite	7-Nov-06	Ag	< 0.02	mg/L
C03	20061107 0012	Composite	7-Nov-06	Al	4.53	mg/L
C03	20061107 0012	Composite	7-Nov-06	As	< 0.2	mg/L
C03	20061107 0012	Composite	7-Nov-06	B	< 0.1	mg/L
C03	20061107 0012	Composite	7-Nov-06	Ba	0.0554	mg/L
C03	20061107 0012	Composite	7-Nov-06	Be	< 0.0005	mg/L
C03	20061107 0012	Composite	7-Nov-06	Ca	27.4	mg/L
C03	20061107 0012	Composite	7-Nov-06	Cd	< 0.01	mg/L
C03	20061107 0012	Composite	7-Nov-06	Co	< 0.02	mg/L
C03	20061107 0012	Composite	7-Nov-06	Cr	< 0.02	mg/L
C03	20061107 0012	Composite	7-Nov-06	Cu	< 0.02	mg/L

In-Stream Monitoring
Location C03
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C03	20061107	0012	Composite	7-Nov-06	Fe	3.65
C03	20061107	0012	Composite	7-Nov-06	K	2.83
C03	20061107	0012	Composite	7-Nov-06	Li	0.0112
C03	20061107	0012	Composite	7-Nov-06	Mg	6.65
C03	20061107	0012	Composite	7-Nov-06	Mn	0.343
C03	20061107	0012	Composite	7-Nov-06	Mo	< 0.02
C03	20061107	0012	Composite	7-Nov-06	Na	3.31
C03	20061107	0012	Composite	7-Nov-06	Nb	< 0.2
C03	20061107	0012	Composite	7-Nov-06	Ni	< 0.05
C03	20061107	0012	Composite	7-Nov-06	P	< 0.5
C03	20061107	0012	Composite	7-Nov-06	Pb	< 0.1
C03	20061107	0012	Composite	7-Nov-06	S	4.97
C03	20061107	0012	Composite	7-Nov-06	Sb	< 0.2
C03	20061107	0012	Composite	7-Nov-06	Se	< 0.2
C03	20061107	0012	Composite	7-Nov-06	Sr	0.0669
C03	20061107	0012	Composite	7-Nov-06	Th	< 0.2
C03	20061107	0012	Composite	7-Nov-06	Ti	0.134
C03	20061107	0012	Composite	7-Nov-06	Tl	< 0.2
C03	20061107	0012	Composite	7-Nov-06	V	< 0.02
C03	20061107	0012	Composite	7-Nov-06	Zn	0.111
C03	20061107	0012	Composite	7-Nov-06	Zr	< 0.2
C03	20061107	0012	Composite	7-Nov-06	As	< 0.002
C03	20061107	0012	Composite	7-Nov-06	Bc	< 0.0002
C03	20061107	0012	Composite	7-Nov-06	Ag	< 0.0004
C03	20061107	0012	Composite	7-Nov-06	Cd	< 0.001
C03	20061107	0012	Composite	7-Nov-06	Co	0.00200
C03	20061107	0012	Composite	7-Nov-06	Cr	0.00684
G03	20061107	0012	Composite	7-Nov-06	Cu	0.0161
C03	20061107	0012	Composite	7-Nov-06	Mn	0.332
C03	20061107	0012	Composite	7-Nov-06	Mo	0.00382
C03	20061107	0012	Composite	7-Nov-06	Ni	0.00493
C03	20061107	0012	Composite	7-Nov-06	Pb	0.00653
C03	20061107	0012	Composite	7-Nov-06	Sb	< 0.001
C03	20061107	0012	Composite	7-Nov-06	Se	< 0.004
C03	20061107	0012	Composite	7-Nov-06	Th	0.000562
C03	20061107	0012	Composite	7-Nov-06	Tl	< 0.0002
C03	20061107	0012	Composite	7-Nov-06	Zn	0.0972

In-Stream Monitoring
Location C03
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C03	20061107 0012	Composite	7-Nov-06	Surfactan	< 0.05	mg/L
C03	20061107 0012	Composite	7-Nov-06	NO3/NO2asN.	0.647	mg/L
C03	20061107 0012	Composite	7-Nov-06	PCB	0.49	ug/L
C03	20061107 0012	Composite	7-Nov-06	PCB-1016	0.49	ug/L
C03	20061107 0012	Composite	7-Nov-06	PCB-1221	0.49	ug/L
C03	20061107 0012	Composite	7-Nov-06	PCB-1232	0.49	ug/L
C03	20061107 0012	Composite	7-Nov-06	PCB-1242	0.49	ug/L
C03	20061107 0012	Composite	7-Nov-06	PCB-1248	0.49	ug/L
C03	20061107 0012	Composite	7-Nov-06	PCB-1254	0.49	ug/L
C03	20061107 0012	Composite	7-Nov-06	PCB-1260	0.49	ug/L
C03	20061107 0012	Composite	7-Nov-06	SuspSolids	82.3	mg/L
C03	20061107 0012	Composite	7-Nov-06	U	0.0064	mg/L
C03	20061107 0012	Composite	7-Nov-06	U235%	1.13	wt %
C03	20061108 0005	Sediment	8-Nov-06	Hg	17.6	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Ag	< 1.7	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Al	4430	ug/g
C03	20061108 0005	Sediment	8-Nov-06	As	< 17	ug/g
C03	20061108 0005	Sediment	8-Nov-06	B	10.8	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Ba	154	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Be	0.346	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Ca	25600	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Cd	1.22	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Co	7.57	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Cr	16.8	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Cu	41.0	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Fe	9610	ug/g
C03	20061108 0005	Sediment	8-Nov-06	K	968	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Li	7.99	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Mg	5400	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Mn	1270	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Mo	< 1.7	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Na	52.1	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Nb	< 17	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Ni	16.2	ug/g
C03	20061108 0005	Sediment	8-Nov-06	P	335	ug/g
C03	20061108 0005	Sediment	8-Nov-06	Pb	22.9	ug/g
C03	20061108 0005	Sediment	8-Nov-06	S	929	ug/g

In-Stream Monitoring
Location C03
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C03	20061108	0005	Sediment	8-Nov-06	Sb	< 17	ug/g
C03	20061108	0005	Sediment	8-Nov-06	Se	< 17	ug/g
C03	20061108	0005	Sediment	8-Nov-06	Si	684	ug/g
C03	20061108	0005	Sediment	8-Nov-06	Sr	34.1	ug/g
C03	20061108	0005	Sediment	8-Nov-06	Th	< 17	ug/g
C03	20061108	0005	Sediment	8-Nov-06	Ti	71.5	ug/g
C03	20061108	0005	Sediment	8-Nov-06	Tl	< 17	ug/g
C03	20061108	0005	Sediment	8-Nov-06	U	< 170	ug/g
C03	20061108	0005	Sediment	8-Nov-06	V	8.77	ug/g
C03	20061108	0005	Sediment	8-Nov-06	Zn	311	ug/g
C03	20061108	0005	Sediment	8-Nov-06	Zr	< 17	ug/g
C03	20061108	0005	Sediment	8-Nov-06	PCB	3590	ug/kg
C03	20061108	0005	Sediment	8-Nov-06	PCB-1016	330	ug/kg
C03	20061108	0005	Sediment	8-Nov-06	PCB-1221	330	ug/kg
C03	20061108	0005	Sediment	8-Nov-06	PCB-1232	330	ug/kg
C03	20061108	0005	Sediment	8-Nov-06	PCB-1242	330	ug/kg
C03	20061108	0005	Sediment	8-Nov-06	PCB-1248	890	ug/kg
C03	20061108	0005	Sediment	8-Nov-06	PCB-1254	2700	ug/kg
C03	20061108	0005	Sediment	8-Nov-06	PCB-1260	330	ug/kg

In-Stream Monitoring Location C05

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C05	N/A	Field	15-Nov-06	pH	7.7	
C05	20061115 0001	Grab	15-Nov-06	E. coli	144	col/100ml
C05	20061115 0001	Grab	15-Nov-06	HexExMatl	< 6.1	mg/L
C05	20061115 0003	Composite	15-Nov-06	NO3/NO2asN	0.800	mg/L
C05	20061115 0003	Composite	15-Nov-06	PCB	0.48	ug/L
C05	20061115 0003	Composite	15-Nov-06	PCB-1016	0.48	ug/L
C05	20061115 0003	Composite	15-Nov-06	PCB-1221	0.48	ug/L
C05	20061115 0003	Composite	15-Nov-06	PCB-1232	0.48	ug/L
C05	20061115 0003	Composite	15-Nov-06	PCB-1242	0.48	ug/L
C05	20061115 0003	Composite	15-Nov-06	PCB-1248	0.48	ug/L
C05	20061115 0003	Composite	15-Nov-06	PCB-1254	0.48	ug/L
C05	20061115 0003	Composite	15-Nov-06	PCB-1260	0.48	ug/L
C05	20061115 0003	Composite	15-Nov-06	SuspSolids	89.2	mg/L
C05	20061115 0003	Composite	15-Nov-06	U	0.0111	mg/L
C05	20061115 0003	Composite	15-Nov-06	U235%	0.604	wt %
C05	20061115 0003	Composite	15-Nov-06	KjeldahlN	0.507	mg/L
C05	20061115 0003	Composite	15-Nov-06	Hg	0.00129	mg/L
C05	20061115 0003	Composite	15-Nov-06	Ag	< 0.02	mg/L
C05	20061115 0003	Composite	15-Nov-06	Al	7.44	mg/L
C05	20061115 0003	Composite	15-Nov-06	As	< 0.2	mg/L
C05	20061115 0003	Composite	15-Nov-06	B	< 0.1	mg/L
C05	20061115 0003	Composite	15-Nov-06	Ba	0.0673	mg/L
C05	20061115 0003	Composite	15-Nov-06	Be	< 0.0005	mg/L
C05	20061115 0003	Composite	15-Nov-06	Ca	30.6	mg/L
C05	20061115 0003	Composite	15-Nov-06	Cd	< 0.01	mg/L
C05	20061115 0003	Composite	15-Nov-06	Co	< 0.02	mg/L
C05	20061115 0003	Composite	15-Nov-06	Cr	< 0.02	mg/L
C05	20061115 0003	Composite	15-Nov-06	Cu	< 0.02	mg/L
C05	20061115 0003	Composite	15-Nov-06	Fe	4.68	mg/L
C05	20061115 0003	Composite	15-Nov-06	K	3.54	mg/L
C05	20061115 0003	Composite	15-Nov-06	Li	0.0187	mg/L
C05	20061115 0003	Composite	15-Nov-06	Mg	8.23	mg/L
C05	20061115 0003	Composite	15-Nov-06	Mn	0.243	mg/L
C05	20061115 0003	Composite	15-Nov-06	Mo	< 0.02	mg/L
C05	20061115 0003	Composite	15-Nov-06	Na	4.08	mg/L
C05	20061115 0003	Composite	15-Nov-06	Nb	< 0.2	mg/L
C05	20061115 0003	Composite	15-Nov-06	Ni	< 0.05	mg/L
C05	20061115 0003	Composite	15-Nov-06	P	< 0.5	mg/L

In-Stream Monitoring
Location C05
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C05	20061115	0003	Composite	15-Nov-06	Pb	< 0.1	mg/L
C05	20061115	0003	Composite	15-Nov-06	S	5.84	mg/L
C05	20061115	0003	Composite	15-Nov-06	Sb	< 0.2	mg/L
C05	20061115	0003	Composite	15-Nov-06	Se	< 0.2	mg/L
C05	20061115	0003	Composite	15-Nov-06	Sr	0.0842	mg/L
C05	20061115	0003	Composite	15-Nov-06	Th	< 0.2	mg/L
C05	20061115	0003	Composite	15-Nov-06	Ti	0.225	mg/L
C05	20061115	0003	Composite	15-Nov-06	Tl	< 0.2	mg/L
C05	20061115	0003	Composite	15-Nov-06	V	< 0.02	mg/L
C05	20061115	0003	Composite	15-Nov-06	Zn	0.100	mg/L
C05	20061115	0003	Composite	15-Nov-06	Zr	< 0.2	mg/L
C05	20061115	0003	Composite	15-Nov-06	As	< 0.002	mg/L
C05	20061115	0003	Composite	15-Nov-06	Be	< 0.0002	mg/L
C05	20061115	0003	Composite	15-Nov-06	Ag	< 0.0004	mg/L
C05	20061115	0003	Composite	15-Nov-06	Cd	< 0.001	mg/L
C05	20061115	0003	Composite	15-Nov-06	Co	0.00205	mg/L
C05	20061115	0003	Composite	15-Nov-06	Cr	0.00669	mg/L
C05	20061115	0003	Composite	15-Nov-06	Cu	0.0106	mg/L
C05	20061115	0003	Composite	15-Nov-06	Mn	0.158	mg/L
C05	20061115	0003	Composite	15-Nov-06	Mo	0.00614	mg/L
C05	20061115	0003	Composite	15-Nov-06	Ni	0.00325	mg/L
C05	20061115	0003	Composite	15-Nov-06	Pb	0.00524	mg/L
C05	20061115	0003	Composite	15-Nov-06	Sb	< 0.001	mg/L
C05	20061115	0003	Composite	15-Nov-06	Se	< 0.004	mg/L
C05	20061115	0003	Composite	15-Nov-06	Th	0.000830	mg/L
C05	20061115	0003	Composite	15-Nov-06	Tl	< 0.0002	mg/L
C05	20061115	0003	Composite	15-Nov-06	Zn	0.0856	mg/L
C05	20061115	0003	Composite	15-Nov-06	Surfactan	< 0.10	mg/L
C05	20061116	0001	Sediment	16-Nov-06	Hg	8.89	ug/g
C05	20061116	0001	Sediment	16-Nov-06	Ag	< 3.9	ug/g
C05	20061116	0001	Sediment	16-Nov-06	Al	3210	ug/g
C05	20061116	0001	Sediment	16-Nov-06	As	< 39	ug/g
C05	20061116	0001	Sediment	16-Nov-06	B	< 20	ug/g
C05	20061116	0001	Sediment	16-Nov-06	Ba	58.4	ug/g
C05	20061116	0001	Sediment	16-Nov-06	Be	0.314	ug/g
C05	20061116	0001	Sediment	16-Nov-06	Ca	188000	ug/g
C05	20061116	0001	Sediment	16-Nov-06	Cd	< 2	ug/g

In-Stream Monitoring
Location C05
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C05	20061116 0001	Sediment	16-Nov-06	Co	< 3.9	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Cr	6.12	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Cu	13.6	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Fe	6310	ug/g
C05	20061116 0001	Sediment	16-Nov-06	K	890	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Li	12.6	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Mg	21700	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Mn	732	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Mo	< 3.9	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Na	113	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Nb	< 39	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Ni	< 9.8	ug/g
C05	20061116 0001	Sediment	16-Nov-06	P	238	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Pb	< 20	ug/g
C05	20061116 0001	Sediment	16-Nov-06	S	600	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Sb	< 39	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Se	< 39	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Si	810	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Sr	199	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Th	< 39	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Ti	52.9	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Tl	< 39	ug/g
C05	20061116 0001	Sediment	16-Nov-06	U	< 390	ug/g
C05	20061116 0001	Sediment	16-Nov-06	V	6.63	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Zn	126	ug/g
C05	20061116 0001	Sediment	16-Nov-06	Zr	< 39	ug/g
C05	20061116 0001	Sediment	16-Nov-06	PCB	660	ug/kg
C05	20061116 0001	Sediment	16-Nov-06	PCB-1016	630	ug/kg
C05	20061116 0001	Sediment	16-Nov-06	PCB-1221	630	ug/kg
C05	20061116 0001	Sediment	16-Nov-06	PCB-1232	630	ug/kg
C05	20061116 0001	Sediment	16-Nov-06	PCB-1242	630	ug/kg
C05	20061116 0001	Sediment	16-Nov-06	PCB-1248	630	ug/kg
C05	20061116 0001	Sediment	16-Nov-06	PCB-1254	660	ug/kg
C05	20061116 0001	Sediment	16-Nov-06	PCB-1260	630	ug/kg

In-Stream Monitoring Location C08

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C08	N/A	Field	27-Oct-06	pH	7.7	
C08	20061026 0002	Grab	27-Oct-06	E. coli	81	col/100ml
C08	20061026 0002	Grab	27-Oct-06	HexExMatl	< 6.0	mg/L
C08	20061026 0003	Composite	27-Oct-06	Hg	0.000791	mg/L
C08	20061026 0003	Composite	27-Oct-06	Ag	< 0.02	mg/L
C08	20061026 0003	Composite	27-Oct-06	Al	2.04	mg/L
C08	20061026 0003	Composite	27-Oct-06	As	< 0.2	mg/L
C08	20061026 0003	Composite	27-Oct-06	B	< 0.1	mg/L
C08	20061026 0003	Composite	27-Oct-06	Ba	0.0456	mg/L
C08	20061026 0003	Composite	27-Oct-06	Bc	< 0.0005	mg/L
C08	20061026 0003	Composite	27-Oct-06	Ca	33.2	mg/L
C08	20061026 0003	Composite	27-Oct-06	Cd	< 0.01	mg/L
C08	20061026 0003	Composite	27-Oct-06	Co	< 0.02	mg/L
C08	20061026 0003	Composite	27-Oct-06	Cr	< 0.02	mg/L
C08	20061026 0003	Composite	27-Oct-06	Cu	< 0.02	mg/L
C08	20061026 0003	Composite	27-Oct-06	Fe	1.71	mg/L
C08	20061026 0003	Composite	27-Oct-06	K	2.28	mg/L
C08	20061026 0003	Composite	27-Oct-06	Li	0.0167	mg/L
C08	20061026 0003	Composite	27-Oct-06	Mg	8.29	mg/L
C08	20061026 0003	Composite	27-Oct-06	Mn	0.137	mg/L
C08	20061026 0003	Composite	27-Oct-06	Mo	< 0.02	mg/L
C08	20061026 0003	Composite	27-Oct-06	Na	5.37	mg/L
C08	20061026 0003	Composite	27-Oct-06	Nb	< 0.2	mg/L
C08	20061026 0003	Composite	27-Oct-06	Ni	< 0.05	mg/L
C08	20061026 0003	Composite	27-Oct-06	P	< 0.5	mg/L
C08	20061026 0003	Composite	27-Oct-06	Pb	< 0.1	mg/L
C08	20061026 0003	Composite	27-Oct-06	S	7.02	mg/L
C08	20061026 0003	Composite	27-Oct-06	Sb	< 0.2	mg/L
C08	20061026 0003	Composite	27-Oct-06	Sc	< 0.2	mg/L
C08	20061026 0003	Composite	27-Oct-06	Sr	0.0927	mg/L
C08	20061026 0003	Composite	27-Oct-06	Th	< 0.2	mg/L
C08	20061026 0003	Composite	27-Oct-06	Ti	< 0.05	mg/L
C08	20061026 0003	Composite	27-Oct-06	Tl	< 0.2	mg/L
C08	20061026 0003	Composite	27-Oct-06	V	< 0.02	mg/L
C08	20061026 0003	Composite	27-Oct-06	Zn	0.0653	mg/L
C08	20061026 0003	Composite	27-Oct-06	Zr	< 0.2	mg/L
C08	20061026 0003	Composite	27-Oct-06	As	< 0.002	mg/L
C08	20061026 0003	Composite	27-Oct-06	Be	< 0.0002	mg/L

In-Stream Monitoring
Location C08
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C08	20061026 0003	Composite	27-Oct-06	Cd	< 0.001	mg/L
C08	20061026 0003	Composite	27-Oct-06	Co	0.000982	mg/L
C08	20061026 0003	Composite	27-Oct-06	Cr	< 0.004	mg/L
C08	20061026 0003	Composite	27-Oct-06	Ag	< 0.0004	mg/L
C08	20061026 0003	Composite	27-Oct-06	Cu	0.00819	mg/L
C08	20061026 0003	Composite	27-Oct-06	Mn	0.133	mg/L
C08	20061026 0003	Composite	27-Oct-06	Mo	0.00682	mg/L
C08	20061026 0003	Composite	27-Oct-06	Ni	0.00310	mg/L
C08	20061026 0003	Composite	27-Oct-06	Pb	0.00244	mg/L
C08	20061026 0003	Composite	27-Oct-06	Sb	< 0.001	mg/L
C08	20061026 0003	Composite	27-Oct-06	Se	< 0.004	mg/L
C08	20061026 0003	Composite	27-Oct-06	Th	< 0.0004	mg/L
C08	20061026 0003	Composite	27-Oct-06	Tl	< 0.0002	mg/L
C08	20061026 0003	Composite	27-Oct-06	U	0.00491	mg/L
C08	20061026 0003	Composite	27-Oct-06	Zn	0.0552	mg/L
C08	20061026 0003	Composite	27-Oct-06	KjeldahlN	< 0.5	mg/L
C08	20061026 0003	Composite	27-Oct-06	Surfactan	< 0.05	mg/L
C08	20061026 0003	Composite	27-Oct-06	NO3/NO2asN	1.17	mg/L
C08	20061026 0003	Composite	27-Oct-06	SuspSolids	26.4	mg/L
C08	20061026 0003	Composite	27-Oct-06	U	0.0048	mg/L
C08	20061026 0003	Composite	27-Oct-06	U235%	0.622	wt %
C08	20061026 0004	Sediment	30-Oct-06	Hg	35.4	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Ag	< 3.4	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Al	12200	ug/g
C08	20061026 0004	Sediment	30-Oct-06	As	< 34	ug/g
C08	20061026 0004	Sediment	30-Oct-06	B	< 17	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Ba	123	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Be	0.719	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Ca	63400	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Cd	2.20	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Co	13.3	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Cr	40.3	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Cu	47.4	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Fe	25300	ug/g
C08	20061026 0004	Sediment	30-Oct-06	K	2210	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Li	17.4	ug/g
C08	20061026 0004	Sediment	30-Oct-06	Mg	11600	ug/g

In-Stream Monitoring
Location C08
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C08	20061026	0004	Sediment	30-Oct-06	Mn	1520	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Mo	< 3.4	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Na	72.4	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Nb	< 34	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Ni	42.7	ug/g
C08	20061026	0004	Sediment	30-Oct-06	P	525	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Pb	34.6	ug/g
C08	20061026	0004	Sediment	30-Oct-06	S	580	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Sb	< 34	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Se	< 34	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Si	558	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Sr	67.2	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Th	< 34	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Ti	134	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Tl	< 34	ug/g
C08	20061026	0004	Sediment	30-Oct-06	U	< 340	ug/g
C08	20061026	0004	Sediment	30-Oct-06	V	20.1	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Zn	400	ug/g
C08	20061026	0004	Sediment	30-Oct-06	Zr	< 34	ug/g
C08	20061026	0004	Sediment	30-Oct-06	PCB	1700	ug/kg
C08	20061026	0004	Sediment	30-Oct-06	PCB-1016	790	ug/kg
C08	20061026	0004	Sediment	30-Oct-06	PCB-1221	790	ug/kg
C08	20061026	0004	Sediment	30-Oct-06	PCB-1232	790	ug/kg
C08	20061026	0004	Sediment	30-Oct-06	PCB-1242	790	ug/kg
C08	20061026	0004	Sediment	30-Oct-06	PCB-1248	790	ug/kg
C08	20061026	0004	Sediment	30-Oct-06	PCB-1254	1700	ug/kg
C08	20061026	0004	Sediment	30-Oct-06	PCB-1260	790	ug/kg
C08	N/A	Field	7-Nov-06	pH	7.6		
C08	20061107	0006	Grab	7-Nov-06	E. coli	260	col/100ml
C08	20061107	0006	Grab	7-Nov-06	HexExMatl	< 5.7	mg/L
C08	20061107	0009	Composite	7-Nov-06	NO3/NO2asN	0.672	mg/L
C08	20061107	0009	Composite	7-Nov-06	PCB	0.49	ug/L
C08	20061107	0009	Composite	7-Nov-06	PCB-1016	0.49	ug/L
C08	20061107	0009	Composite	7-Nov-06	PCB-1221	0.49	ug/L
C08	20061107	0009	Composite	7-Nov-06	PCB-1232	0.49	ug/L
C08	20061107	0009	Composite	7-Nov-06	PCB-1242	0.49	ug/L
C08	20061107	0009	Composite	7-Nov-06	PCB-1248	0.49	ug/L

In-Stream Monitoring
Location C08
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C08	20061107 0009	Composite	7-Nov-06	PCB-1254	0.49	ug/L
C08	20061107 0009	Composite	7-Nov-06	PCB-1260	0.49	ug/L
C08	20061107 0009	Composite	7-Nov-06	SuspSolids	58.0	mg/L
C08	20061107 0009	Composite	7-Nov-06	U	0.0059	mg/L
C08	20061107 0009	Composite	7-Nov-06	U235%	1.17	wt %
C08	20061107 0009	Composite	7-Nov-06	KjeldahlN	< 1	mg/L
C08	20061107 0009	Composite	7-Nov-06	Surfactan	< 0.05	mg/L
C08	20061107 0009	Composite	7-Nov-06	Hg	0.00154	mg/L
C08	20061107 0009	Composite	7-Nov-06	Ag	< 0.02	mg/L
C08	20061107 0009	Composite	7-Nov-06	Al	4.77	mg/L
C08	20061107 0009	Composite	7-Nov-06	As	< 0.2	mg/L
C08	20061107 0009	Composite	7-Nov-06	B	< 0.1	mg/L
C08	20061107 0009	Composite	7-Nov-06	Ba	0.0490	mg/L
C08	20061107 0009	Composite	7-Nov-06	Bc	< 0.0005	mg/L
C08	20061107 0009	Composite	7-Nov-06	Ca	24.4	mg/L
C08	20061107 0009	Composite	7-Nov-06	Cd	< 0.01	mg/L
C08	20061107 0009	Composite	7-Nov-06	Co	< 0.02	mg/L
C08	20061107 0009	Composite	7-Nov-06	Cr	< 0.02	mg/L
C08	20061107 0009	Composite	7-Nov-06	Cu	< 0.02	mg/L
C08	20061107 0009	Composite	7-Nov-06	Fe	3.19	mg/L
C08	20061107 0009	Composite	7-Nov-06	K	2.65	mg/L
C08	20061107 0009	Composite	7-Nov-06	Li	0.0117	mg/L
C08	20061107 0009	Composite	7-Nov-06	Mg	6.17	mg/L
C08	20061107 0009	Composite	7-Nov-06	Mn	0.206	mg/L
C08	20061107 0009	Composite	7-Nov-06	Mo	< 0.02	mg/L
C08	20061107 0009	Composite	7-Nov-06	Na	2.96	mg/L
C08	20061107 0009	Composite	7-Nov-06	Nb	< 0.2	mg/L
C08	20061107 0009	Composite	7-Nov-06	Ni	< 0.05	mg/L
C08	20061107 0009	Composite	7-Nov-06	P	< 0.5	mg/L
C08	20061107 0009	Composite	7-Nov-06	Pb	< 0.1	mg/L
C08	20061107 0009	Composite	7-Nov-06	S	4.79	mg/L
C08	20061107 0009	Composite	7-Nov-06	Sb	< 0.2	mg/L
C08	20061107 0009	Composite	7-Nov-06	Se	< 0.2	mg/L
C08	20061107 0009	Composite	7-Nov-06	Sr	0.0617	mg/L
C08	20061107 0009	Composite	7-Nov-06	Th	< 0.2	mg/L
C08	20061107 0009	Composite	7-Nov-06	Ti	0.164	mg/L
C08	20061107 0009	Composite	7-Nov-06	Tl	< 0.2	mg/L

In-Stream Monitoring
Location C08
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C08	20061107	0009	Composite	7-Nov-06	V	< 0.02	mg/L
C08	20061107	0009	Composite	7-Nov-06	Zn	0.108	mg/L
C08	20061107	0009	Composite	7-Nov-06	Zr	< 0.2	mg/L
C08	20061107	0009	Composite	7-Nov-06	As	< 0.002	mg/L
C08	20061107	0009	Composite	7-Nov-06	Be	< 0.0002	mg/L
C08	20061107	0009	Composite	7-Nov-06	Cd	< 0.001	mg/L
C08	20061107	0009	Composite	7-Nov-06	Ag	< 0.0004	mg/L
C08	20061107	0009	Composite	7-Nov-06	Co	0.00157	mg/L
C08	20061107	0009	Composite	7-Nov-06	Cr	0.00644	mg/L
C08	20061107	0009	Composite	7-Nov-06	Cu	0.0132	mg/L
C08	20061107	0009	Composite	7-Nov-06	Mn	0.198	mg/L
C08	20061107	0009	Composite	7-Nov-06	Mo	0.00431	mg/L
C08	20061107	0009	Composite	7-Nov-06	Ni	0.00405	mg/L
C08	20061107	0009	Composite	7-Nov-06	Pb	0.00439	mg/L
C08	20061107	0009	Composite	7-Nov-06	Sb	< 0.001	mg/L
C08	20061107	0009	Composite	7-Nov-06	Se	< 0.004	mg/L
C08	20061107	0009	Composite	7-Nov-06	Th	0.000526	mg/L
C08	20061107	0009	Composite	7-Nov-06	Tl	< 0.0002	mg/L
C08	20061107	0009	Composite	7-Nov-06	Zn	0.0887	mg/L

In-Stream Monitoring Location C11

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C11	N/A	Field	2006/10/27	pH	7.5	
C11	20061016 0003	Grab	2006/10/27	E. coli	90	col/100ml
C11	20061016 0003	Grab	2006/10/27	HexExMatl	< 6.0	mg/L
C11	20061016 0004	Composite	2006/10/27	Hg	0.000520	mg/L
C11	20061016 0004	Composite	2006/10/27	Ag	< 0.02	mg/L
C11	20061016 0004	Composite	2006/10/27	Al	0.363	mg/L
C11	20061016 0004	Composite	2006/10/27	As	< 0.2	mg/L
C11	20061016 0004	Composite	2006/10/27	B	< 0.1	mg/L
C11	20061016 0004	Composite	2006/10/27	Ba	0.0352	mg/L
C11	20061016 0004	Composite	2006/10/27	Be	< 0.005	mg/L
C11	20061016 0004	Composite	2006/10/27	Ca	31.6	mg/L
C11	20061016 0004	Composite	2006/10/27	Cd	< 0.01	mg/L
C11	20061016 0004	Composite	2006/10/27	Co	< 0.02	mg/L
C11	20061016 0004	Composite	2006/10/27	Cr	< 0.02	mg/L
C11	20061016 0004	Composite	2006/10/27	Cu	< 0.02	mg/L
C11	20061016 0004	Composite	2006/10/27	Fe	0.458	mg/L
C11	20061016 0004	Composite	2006/10/27	K	< 2	mg/L
C11	20061016 0004	Composite	2006/10/27	Li	0.0170	mg/L
C11	20061016 0004	Composite	2006/10/27	Mg	7.78	mg/L
C11	20061016 0004	Composite	2006/10/27	Mn	0.0979	mg/L
C11	20061016 0004	Composite	2006/10/27	Mo	< 0.02	mg/L
C11	20061016 0004	Composite	2006/10/27	Na	5.03	mg/L
C11	20061016 0004	Composite	2006/10/27	Nb	< 0.2	mg/L
C11	20061016 0004	Composite	2006/10/27	Ni	< 0.05	mg/L
C11	20061016 0004	Composite	2006/10/27	P	< 0.5	mg/L
C11	20061016 0004	Composite	2006/10/27	Pb	< 0.1	mg/L
C11	20061016 0004	Composite	2006/10/27	S	6.63	mg/L
C11	20061016 0004	Composite	2006/10/27	Sb	< 0.2	mg/L
C11	20061016 0004	Composite	2006/10/27	Se	< 0.2	mg/L
C11	20061016 0004	Composite	2006/10/27	Sr	0.0895	mg/L
C11	20061016 0004	Composite	2006/10/27	Th	< 0.2	mg/L
C11	20061016 0004	Composite	2006/10/27	Ti	< 0.05	mg/L
C11	20061016 0004	Composite	2006/10/27	Tl	< 0.2	mg/L
C11	20061016 0004	Composite	2006/10/27	V	< 0.02	mg/L
C11	20061016 0004	Composite	2006/10/27	Zn	0.0622	mg/L
C11	20061016 0004	Composite	2006/10/27	Zr	< 0.2	mg/L
C11	20061016 0004	Composite	2006/10/27	As	< 0.002	mg/L
C11	20061016 0004	Composite	2006/10/27	Be	< 0.0002	mg/L

In-Stream Monitoring
Location C11
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C11	20061016	0004	Composite	2006/10/27	Cd	< 0.001	mg/L
C11	20061016	0004	Composite	2006/10/27	Co	0.000452	mg/L
C11	20061016	0004	Composite	2006/10/27	Cr	< 0.004	mg/L
C11	20061016	0004	Composite	2006/10/27	Ag	< 0.0004	mg/L
C11	20061016	0004	Composite	2006/10/27	Cu	0.00849	mg/L
C11	20061016	0004	Composite	2006/10/27	Mn	0.112	mg/L
C11	20061016	0004	Composite	2006/10/27	Mo	0.00765	mg/L
C11	20061016	0004	Composite	2006/10/27	Ni	0.00202	mg/L
C11	20061016	0004	Composite	2006/10/27	Pb	0.00138	mg/L
C11	20061016	0004	Composite	2006/10/27	Sb	< 0.001	mg/L
C11	20061016	0004	Composite	2006/10/27	Se	< 0.004	mg/L
C11	20061016	0004	Composite	2006/10/27	Th	< 0.0004	mg/L
C11	20061016	0004	Composite	2006/10/27	Tl	< 0.0002	mg/L
C11	20061016	0004	Composite	2006/10/27	U	0.00664	mg/L
C11	20061016	0004	Composite	2006/10/27	Zn	0.0572	mg/L
C11	20061016	0004	Composite	2006/10/27	KjeldahlN	0.565	mg/L
C11	20061016	0004	Composite	2006/10/27	Surfactan	< 0.10	mg/L
C11	20061016	0004	Composite	2006/10/27	NO3/NO2asN	1.09	mg/L
C11	20061016	0004	Composite	2006/10/27	SuspSolids	11.5	mg/L
C11	20061016	0004	Composite	2006/10/27	U	0.0063	mg/L
C11	20061016	0004	Composite	2006/10/27	U235%	0.518	wt %
C11	N/A	Field	2006/11/07	pH	7.5		
C11	20061107	0003	Grab	2006/11/07	E. coli	108	col/100ml
C11	20061107	0003	Grab	2006/11/07	HexExMatl	< 5.6	mg/L
C11	20061107	0004	Composite	2006/11/07	KjeldahlN	< 0.5	mg/L
C11	20061107	0004	Composite	2006/11/07	Hg	0.000659	mg/L
C11	20061107	0004	Composite	2006/11/07	Ag	< 0.02	mg/L
C11	20061107	0004	Composite	2006/11/07	Al	1.25	mg/L
C11	20061107	0004	Composite	2006/11/07	As	< 0.2	mg/L
C11	20061107	0004	Composite	2006/11/07	B	< 0.1	mg/L
C11	20061107	0004	Composite	2006/11/07	Ba	0.0361	mg/L
C11	20061107	0004	Composite	2006/11/07	Be	< 0.0005	mg/L
C11	20061107	0004	Composite	2006/11/07	Ca	26.5	mg/L
C11	20061107	0004	Composite	2006/11/07	Cd	< 0.01	mg/L
C11	20061107	0004	Composite	2006/11/07	Co	< 0.02	mg/L
C11	20061107	0004	Composite	2006/11/07	Cr	< 0.02	mg/L

In-Stream Monitoring
Location C11
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C11	20061107	0004	Composite	2006/11/07	Cu	< 0.02	mg/L
C11	20061107	0004	Composite	2006/11/07	Fe	1.06	mg/L
C11	20061107	0004	Composite	2006/11/07	K	< 2	mg/L
C11	20061107	0004	Composite	2006/11/07	Li	0.0111	mg/L
C11	20061107	0004	Composite	2006/11/07	Mg	6.19	mg/L
C11	20061107	0004	Composite	2006/11/07	Mn	0.119	mg/L
C11	20061107	0004	Composite	2006/11/07	Mo	< 0.02	mg/L
C11	20061107	0004	Composite	2006/11/07	Na	3.25	mg/L
C11	20061107	0004	Composite	2006/11/07	Nb	< 0.2	mg/L
C11	20061107	0004	Composite	2006/11/07	Ni	< 0.05	mg/L
C11	20061107	0004	Composite	2006/11/07	P	< 0.5	mg/L
C11	20061107	0004	Composite	2006/11/07	Pb	< 0.1	mg/L
C11	20061107	0004	Composite	2006/11/07	S	5.14	mg/L
C11	20061107	0004	Composite	2006/11/07	Sb	< 0.2	mg/L
C11	20061107	0004	Composite	2006/11/07	Se	< 0.2	mg/L
C11	20061107	0004	Composite	2006/11/07	Sr	0.0667	mg/L
C11	20061107	0004	Composite	2006/11/07	Th	< 0.2	mg/L
C11	20061107	0004	Composite	2006/11/07	Ti	< 0.05	mg/L
C11	20061107	0004	Composite	2006/11/07	Tl	< 0.2	mg/L
C11	20061107	0004	Composite	2006/11/07	V	< 0.02	mg/L
C11	20061107	0004	Composite	2006/11/07	Zn	0.0912	mg/L
C11	20061107	0004	Composite	2006/11/07	Zr	< 0.2	mg/L
C11	20061107	0004	Composite	2006/11/07	As	< 0.002	mg/L
C11	20061107	0004	Composite	2006/11/07	Bc	< 0.0002	mg/L
C11	20061107	0004	Composite	2006/11/07	Ag	< 0.0004	mg/L
C11	20061107	0004	Composite	2006/11/07	Cd	< 0.001	mg/L
C11	20061107	0004	Composite	2006/11/07	Co	0.000666	mg/L
C11	20061107	0004	Composite	2006/11/07	Cr	< 0.004	mg/L
C11	20061107	0004	Composite	2006/11/07	Cu	0.0121	mg/L
C11	20061107	0004	Composite	2006/11/07	Mn	0.116	mg/L
C11	20061107	0004	Composite	2006/11/07	Mo	0.00534	mg/L
C11	20061107	0004	Composite	2006/11/07	Ni	0.00232	mg/L
C11	20061107	0004	Composite	2006/11/07	Pb	0.00250	mg/L
C11	20061107	0004	Composite	2006/11/07	Sb	< 0.001	mg/L
C11	20061107	0004	Composite	2006/11/07	Se	< 0.004	mg/L
C11	20061107	0004	Composite	2006/11/07	Th	< 0.0004	mg/L
C11	20061107	0004	Composite	2006/11/07	Tl	< 0.0002	mg/L

In-Stream Monitoring
Location C11
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C11	20061107	0004	Composite	2006/11/07	Zn	0.0806	mg/L
C11	20061107	0004	Composite	2006/11/07	Surfactan	0.273	mg/L
C11	20061107	0004	Composite	2006/11/07	NO3/NO2asN	0.748	mg/L
C11	20061107	0004	Composite	2006/11/07	PCB	0.49	ug/L
C11	20061107	0004	Composite	2006/11/07	PCB-1016	0.49	ug/L
C11	20061107	0004	Composite	2006/11/07	PCB-1221	0.49	ug/L
C11	20061107	0004	Composite	2006/11/07	PCB-1232	0.49	ug/L
C11	20061107	0004	Composite	2006/11/07	PCB-1242	0.49	ug/L
C11	20061107	0004	Composite	2006/11/07	PCB-1248	0.49	ug/L
C11	20061107	0004	Composite	2006/11/07	PCB-1254	0.49	ug/L
C11	20061107	0004	Composite	2006/11/07	PCB-1260	0.49	ug/L
C11	20061107	0004	Composite	2006/11/07	SuspSolids	23.2	mg/L
C11	20061107	0004	Composite	2006/11/07	U	0.0086	mg/L
C11	20061107	0004	Composite	2006/11/07	U235%	0.574	wt %
C11	N/A	Field	2006/11/15	pH	7.5		
C11	20061114	0005	Grab	2006/11/15	HexExMatl	< 5.9	mg/L
C11	20061114	0004	Composite	2006/11/16	NO3/NO2asN	1.26	mg/L
C11	20061114	0004	Composite	2006/11/16	U	0.0329	mg/L
C11	20061114	0004	Composite	2006/11/16	U-234	0.039	wt %
C11	20061114	0004	Composite	2006/11/16	U235%	1.87	wt %
C11	20061114	0004	Composite	2006/11/16	U-238	98.2	wt %
C11	20061114	0004	Composite	2006/11/16	Surfactan	< 0.05	mg/L
C11	20061114	0004	Composite	2006/11/16	Mo	< 0.02	mg/L
C11	20061114	0004	Composite	2006/11/16	Mn	0.0907	mg/L
C11	20061114	0004	Composite	2006/11/16	Mg	8.88	mg/L
C11	20061114	0004	Composite	2006/11/16	Li	0.0208	mg/L
C11	20061114	0004	Composite	2006/11/16	K	2.11	mg/L
C11	20061114	0004	Composite	2006/11/16	Fe	0.549	mg/L
C11	20061114	0004	Composite	2006/11/16	Cu	< 0.02	mg/L
C11	20061114	0004	Composite	2006/11/16	Cr	< 0.02	mg/L
C11	20061114	0004	Composite	2006/11/16	Co	< 0.02	mg/L
C11	20061114	0004	Composite	2006/11/16	Sr	0.108	mg/L
C11	20061114	0004	Composite	2006/11/16	Se	< 0.2	mg/L
C11	20061114	0004	Composite	2006/11/16	Sb	< 0.2	mg/L
C11	20061114	0004	Composite	2006/11/16	S	7.96	mg/L
C11	20061114	0004	Composite	2006/11/16	Pb	< 0.1	mg/L
C11	20061114	0004	Composite	2006/11/16	P	< 0.5	mg/L

In-Stream Monitoring
Location C11
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
C11	20061114 0004	Composite	2006/11/16	Ni	< 0.05	mg/L
C11	20061114 0004	Composite	2006/11/16	Nb	< 0.2	mg/L
C11	20061114 0004	Composite	2006/11/16	Na	5.44	mg/L
C11	20061114 0004	Composite	2006/11/16	Cd	< 0.01	mg/L
C11	20061114 0004	Composite	2006/11/16	Ca	36.2	mg/L
C11	20061114 0004	Composite	2006/11/16	Be	< 0.0005	mg/L
C11	20061114 0004	Composite	2006/11/16	Ba	0.0420	mg/L
C11	20061114 0004	Composite	2006/11/16	B	< 0.1	mg/L
C11	20061114 0004	Composite	2006/11/16	As	< 0.2	mg/L
C11	20061114 0004	Composite	2006/11/16	Al	0.723	mg/L
C11	20061114 0004	Composite	2006/11/16	Ag	< 0.02	mg/L
C11	20061114 0004	Composite	2006/11/16	Ag	< 0.0004	mg/L
C11	20061114 0004	Composite	2006/11/16	Be	< 0.0002	mg/L
C11	20061114 0004	Composite	2006/11/16	As	< 0.002	mg/L
C11	20061114 0004	Composite	2006/11/16	Zr	< 0.2	mg/L
C11	20061114 0004	Composite	2006/11/16	Zn	0.0544	mg/L
C11	20061114 0004	Composite	2006/11/16	V	< 0.02	mg/L
C11	20061114 0004	Composite	2006/11/16	Tl	< 0.2	mg/L
C11	20061114 0004	Composite	2006/11/16	Ti	< 0.05	mg/L
C11	20061114 0004	Composite	2006/11/16	Th	< 0.2	mg/L
C11	20061114 0007	Composite	2006/11/16	SuspSolids	8.20	mg/L
C11	20061114 0007	Composite	2006/11/16	Hg	0.000413	mg/L
C11	20061114 0004	Composite	2006/11/16	N(CalcTot)	1.26	mg/L
C11	20061114 0004	Composite	2006/11/16	Zn	0.0493	mg/L
C11	20061114 0004	Composite	2006/11/16	Tl	< 0.0002	mg/L
C11	20061114 0004	Composite	2006/11/16	Th	< 0.0004	mg/L
C11	20061114 0004	Composite	2006/11/16	Se	< 0.004	mg/L
C11	20061114 0004	Composite	2006/11/16	Sb	< 0.001	mg/L
C11	20061114 0004	Composite	2006/11/16	Pb	0.00134	mg/L
C11	20061114 0004	Composite	2006/11/16	Ni	< 0.002	mg/L
C11	20061114 0004	Composite	2006/11/16	Mo	0.00785	mg/L
C11	20061114 0004	Composite	2006/11/16	Mn	0.0837	mg/L
C11	20061114 0004	Composite	2006/11/16	Cu	0.00541	mg/L
C11	20061114 0004	Composite	2006/11/16	Cr	< 0.004	mg/L
C11	20061114 0004	Composite	2006/11/16	Co	0.000400	mg/L
C11	20061114 0004	Composite	2006/11/16	Cd	< 0.001	mg/L
C11	20061114 0004	Composite	2006/11/16	KjeldahlN	< 0.5	mg/L

In-Stream Monitoring
Location C11
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C11	20061114	0004	Composite	2006/11/16	U-236	< 0.005	wt %
C11	20061108	0003	Sediment	2006/11/16	Hg	10.7	ug/g
C11	20061108	0003	Sediment	2006/11/16	Ag	< 3	ug/g
C11	20061108	0003	Sediment	2006/11/16	Al	6340	ug/g
C11	20061108	0003	Sediment	2006/11/16	As	< 30	ug/g
C11	20061108	0003	Sediment	2006/11/16	B	16.4	ug/g
C11	20061108	0003	Sediment	2006/11/16	Ba	95.1	ug/g
C11	20061108	0003	Sediment	2006/11/16	Be	0.470	ug/g
C11	20061108	0003	Sediment	2006/11/16	Ca	85600	ug/g
C11	20061108	0003	Sediment	2006/11/16	Cd	1.94	ug/g
C11	20061108	0003	Sediment	2006/11/16	Co	7.21	ug/g
C11	20061108	0003	Sediment	2006/11/16	Cr	17.5	ug/g
C11	20061108	0003	Sediment	2006/11/16	Cu	55.2	ug/g
C11	20061108	0003	Sediment	2006/11/16	Fe	17300	ug/g
C11	20061108	0003	Sediment	2006/11/16	K	1330	ug/g
C11	20061108	0003	Sediment	2006/11/16	Li	15.2	ug/g
C11	20061108	0003	Sediment	2006/11/16	Mg	17700	ug/g
C11	20061108	0003	Sediment	2006/11/16	Mn	1300	ug/g
C11	20061108	0003	Sediment	2006/11/16	Mo	< 3	ug/g
C11	20061108	0003	Sediment	2006/11/16	Na	118	ug/g
C11	20061108	0003	Sediment	2006/11/16	Nb	< 30	ug/g
C11	20061108	0003	Sediment	2006/11/16	Ni	39.8	ug/g
C11	20061108	0003	Sediment	2006/11/16	P	344	ug/g
C11	20061108	0003	Sediment	2006/11/16	Pb	27.6	ug/g
C11	20061108	0003	Sediment	2006/11/16	S	1190	ug/g
C11	20061108	0003	Sediment	2006/11/16	Sb	< 30	ug/g
C11	20061108	0003	Sediment	2006/11/16	Se	< 30	ug/g
C11	20061108	0003	Sediment	2006/11/16	Si	996	ug/g
C11	20061108	0003	Sediment	2006/11/16	Sr	92.8	ug/g
C11	20061108	0003	Sediment	2006/11/16	Th	< 30	ug/g
C11	20061108	0003	Sediment	2006/11/16	Ti	99.1	ug/g
C11	20061108	0003	Sediment	2006/11/16	Tl	< 30	ug/g
C11	20061108	0003	Sediment	2006/11/16	U	< 300	ug/g
C11	20061108	0003	Sediment	2006/11/16	V	12.7	ug/g
C11	20061108	0003	Sediment	2006/11/16	Zn	527	ug/g
C11	20061108	0003	Sediment	2006/11/16	Zr	< 30	ug/g
C11	20061108	0003	Sediment	2006/11/16	PCB	2300	ug/kg

In-Stream Monitoring
Location C11
(continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
C11	20061108	0003	Sediment	2006/11/16	PCB-1016	920	ug/kg
C11	20061108	0003	Sediment	2006/11/16	PCB-1221	920	ug/kg
C11	20061108	0003	Sediment	2006/11/16	PCB-1232	920	ug/kg
C11	20061108	0003	Sediment	2006/11/16	PCB-1242	920	ug/kg
C11	20061108	0003	Sediment	2006/11/16	PCB-1248	920	ug/kg
C11	20061108	0003	Sediment	2006/11/16	PCB-1254	2300	ug/kg
C11	20061108	0003	Sediment	2006/11/16	PCB-1260	920	ug/kg

Raw Water Flow Augmentation

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
RAWH2O	N/A	Field	2006/10/27	pH	7.2	
RAWH2O	20061016	0001	Grab	E. coli	15	col/100ml
RAWH2O	20061016	0001	Grab	HexExMatl	< 5.5	mg/L
RAWH2O	20060831	0005	Composite	NO3/NO2asN	0.460	mg/L
RAWH2O	20060831	0005	Composite	Surfactant	< 0.10	mg/L
RAWH2O	20060831	0005	Composite	SuspSolids	3.20	mg/L
RAWH2O	20060831	0005	Composite	U	< 0.001	mg/L
RAWH2O	20060831	0005	Composite	U235%	N/A	wt %
RAWH2O	20060831	0005	Composite	KjeldahlN	< 0.5	mg/L
RAWH2O	20060831	0005	Composite	Hg	< 0.00021	mg/L
RAWH2O	20060831	0005	Composite	Ag	< 0.02	mg/L
RAWH2O	20060831	0005	Composite	Al	< 0.2	mg/L
RAWH2O	20060831	0005	Composite	As	< 0.2	mg/L
RAWH2O	20060831	0005	Composite	B	< 0.1	mg/L
RAWH2O	20060831	0005	Composite	Ba	0.0377	mg/L
RAWH2O	20060831	0005	Composite	Be	< 0.0005	mg/L
RAWH2O	20060831	0005	Composite	Ca	39.8	mg/L
RAWH2O	20060831	0005	Composite	Cd	< 0.01	mg/L
RAWH2O	20060831	0005	Composite	Co	< 0.02	mg/L
RAWH2O	20060831	0005	Composite	Cr	< 0.02	mg/L
RAWH2O	20060831	0005	Composite	Cu	< 0.02	mg/L
RAWH2O	20060831	0005	Composite	Fe	0.125	mg/L
RAWH2O	20060831	0005	Composite	K	< 2	mg/L
RAWH2O	20060831	0005	Composite	Li	< 0.01	mg/L
RAWH2O	20060831	0005	Composite	Mg	10.8	mg/L
RAWH2O	20060831	0005	Composite	Mn	0.0858	mg/L
RAWH2O	20060831	0005	Composite	Mo	< 0.02	mg/L
RAWH2O	20060831	0005	Composite	Na	6.66	mg/L
RAWH2O	20060831	0005	Composite	Nb	< 0.2	mg/L
RAWH2O	20060831	0005	Composite	Ni	< 0.05	mg/L
RAWH2O	20060831	0005	Composite	P	< 0.5	mg/L
RAWH2O	20060831	0005	Composite	Pb	< 0.1	mg/L
RAWH2O	20060831	0005	Composite	S	7.74	mg/L
RAWH2O	20060831	0005	Composite	Sb	< 0.2	mg/L
RAWH2O	20060831	0005	Composite	Se	< 0.2	mg/L
RAWH2O	20060831	0005	Composite	Sr	0.117	mg/L
RAWH2O	20060831	0005	Composite	Th	< 0.2	mg/L
RAWH2O	20060831	0005	Composite	Ti	< 0.05	mg/L
RAWH2O	20060831	0005	Composite	Tl	< 0.2	mg/L

Raw Water Flow Augmentation (continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
RAWH2O	20060831	0005	Composite	2006/10/27	V	< 0.02	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Zn	< 0.05	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Zr	< 0.2	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	As	< 0.002	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Be	< 0.0002	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Cd	< 0.001	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Co	0.000216	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Ag	< 0.0004	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Cr	< 0.004	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Cu	< 0.002	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Mn	0.0828	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Mo	0.000448	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Ni	< 0.002	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Pb	0.00105	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Sb	< 0.001	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Se	< 0.004	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Th	< 0.0004	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Tl	< 0.0002	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	U	0.000218	mg/L
RAWH2O	20060831	0005	Composite	2006/10/27	Zn	0.00301	mg/L
RAWH2O	N/A	Field	2006/11/07	pH	7.4		
RAWH2O	20061106	0001	Grab	2006/11/07	E. coli	10	col/100ml
RAWH2O	20061106	0001	Grab	2006/11/07	HexExMatl	< 5.8	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	KjeldahlN	< 1	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Hg	< 0.00021	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Ag	< 0.02	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Al	0.353	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	As	< 0.2	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	B	< 0.1	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Ba	0.0403	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Be	< 0.0005	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Ca	38.6	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Cd	< 0.01	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Co	< 0.02	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Cr	< 0.02	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Cu	< 0.02	mg/L
RAWH2O	20061106	0002	Composite	2006/11/07	Fe	0.288	mg/L

Raw Water Flow Augmentation (continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
RAWH2O	20061106	0002	Composite	2006/11/07	K	2.12
RAWH2O	20061106	0002	Composite	2006/11/07	Li	< 0.01
RAWH2O	20061106	0002	Composite	2006/11/07	Mg	10.6
RAWH2O	20061106	0002	Composite	2006/11/07	Mn	0.130
RAWH2O	20061106	0002	Composite	2006/11/07	Mo	< 0.02
RAWH2O	20061106	0002	Composite	2006/11/07	Na	6.13
RAWH2O	20061106	0002	Composite	2006/11/07	Nb	< 0.2
RAWH2O	20061106	0002	Composite	2006/11/07	Ni	< 0.05
RAWH2O	20061106	0002	Composite	2006/11/07	P	< 0.5
RAWH2O	20061106	0002	Composite	2006/11/07	Pb	< 0.1
RAWH2O	20061106	0002	Composite	2006/11/07	S	7.46
RAWH2O	20061106	0002	Composite	2006/11/07	Sb	< 0.2
RAWH2O	20061106	0002	Composite	2006/11/07	Se	< 0.2
RAWH2O	20061106	0002	Composite	2006/11/07	Sr	0.111
RAWH2O	20061106	0002	Composite	2006/11/07	Th	< 0.2
RAWH2O	20061106	0002	Composite	2006/11/07	Ti	< 0.05
RAWH2O	20061106	0002	Composite	2006/11/07	Tl	< 0.2
RAWH2O	20061106	0002	Composite	2006/11/07	V	< 0.02
RAWH2O	20061106	0002	Composite	2006/11/07	Zn	< 0.05
RAWH2O	20061106	0002	Composite	2006/11/07	Zr	< 0.2
RAWH2O	20061106	0002	Composite	2006/11/07	As	< 0.002
RAWH2O	20061106	0002	Composite	2006/11/07	Bc	< 0.0002
RAWH2O	20061106	0002	Composite	2006/11/07	Cd	< 0.001
RAWH2O	20061106	0002	Composite	2006/11/07	Co	0.000402
RAWH2O	20061106	0002	Composite	2006/11/07	Ag	< 0.0004
RAWH2O	20061106	0002	Composite	2006/11/07	Cr	< 0.004
RAWH2O	20061106	0002	Composite	2006/11/07	Cu	< 0.002
RAWH2O	20061106	0002	Composite	2006/11/07	Mn	0.128
RAWH2O	20061106	0002	Composite	2006/11/07	Mo	0.000434
RAWH2O	20061106	0002	Composite	2006/11/07	Ni	< 0.002
RAWH2O	20061106	0002	Composite	2006/11/07	Pb	0.000402
RAWH2O	20061106	0002	Composite	2006/11/07	Sb	< 0.001
RAWH2O	20061106	0002	Composite	2006/11/07	Se	< 0.004
RAWH2O	20061106	0002	Composite	2006/11/07	Th	< 0.0004
RAWH2O	20061106	0002	Composite	2006/11/07	Tl	< 0.0002
RAWH2O	20061106	0002	Composite	2006/11/07	Zn	0.00743
RAWH2O	20061106	0002	Composite	2006/11/07	Surfactant	< 0.10
RAWH2O	20061106	0002	Composite	2006/11/07	NO3/NO2asN	0.416

Raw Water Flow Augmentation (continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
RAWH2O	20061106	0002	Composite	2006/11/07	PCB	0.49
RAWH2O	20061106	0002	Composite	2006/11/07	PCB-1016	0.49
RAWH2O	20061106	0002	Composite	2006/11/07	PCB-1221	0.49
RAWH2O	20061106	0002	Composite	2006/11/07	PCB-1232	0.49
RAWH2O	20061106	0002	Composite	2006/11/07	PCB-1242	0.49
RAWH2O	20061106	0002	Composite	2006/11/07	PCB-1248	0.49
RAWH2O	20061106	0002	Composite	2006/11/07	PCB-1254	0.49
RAWH2O	20061106	0002	Composite	2006/11/07	PCB-1260	0.49
RAWH2O	20061106	0002	Composite	2006/11/07	SuspSolids	6.53
RAWH2O	20061106	0002	Composite	2006/11/07	U	< 0.001
RAWH2O	20061106	0002	Composite	2006/11/07	U235%	N/A
RAWH2O	N/A	Field	2006/11/15	pH	7.3	
RAWH2O	20061114	0001	Grab	2006/11/15	E. coli	7
RAWH2O	20061114	0001	Grab	2006/11/15	HexExMatl	< 5.6
RAWH2O	20061114	0002	Composite	2006/11/15	NO3/NO2asN	0.279
RAWH2O	20061114	0002	Composite	2006/11/15	PCB	0.48
RAWH2O	20061114	0002	Composite	2006/11/15	PCB-1016	0.48
RAWH2O	20061114	0002	Composite	2006/11/15	PCB-1221	0.48
RAWH2O	20061114	0002	Composite	2006/11/15	PCB-1232	0.48
RAWH2O	20061114	0002	Composite	2006/11/15	PCB-1242	0.48
RAWH2O	20061114	0002	Composite	2006/11/15	PCB-1248	0.48
RAWH2O	20061114	0002	Composite	2006/11/15	PCB-1254	0.48
RAWH2O	20061114	0002	Composite	2006/11/15	PCB-1260	0.48
RAWH2O	20061114	0002	Composite	2006/11/15	SuspSolids	6.40
RAWH2O	20061114	0002	Composite	2006/11/15	U	< 0.001
RAWH2O	20061114	0002	Composite	2006/11/15	U235%	N/A
RAWH2O	20061114	0002	Composite	2006/11/15	KjeldahlN	0.609
RAWH2O	20061114	0002	Composite	2006/11/15	Hg	< 0.00021
RAWH2O	20061114	0002	Composite	2006/11/15	Ag	< 0.02
RAWH2O	20061114	0002	Composite	2006/11/15	Al	0.365
RAWH2O	20061114	0002	Composite	2006/11/15	As	< 0.2
RAWH2O	20061114	0002	Composite	2006/11/15	B	< 0.1
RAWH2O	20061114	0002	Composite	2006/11/15	Ba	0.0600
RAWH2O	20061114	0002	Composite	2006/11/15	Be	< 0.0005
RAWH2O	20061114	0002	Composite	2006/11/15	Ca	39.7
RAWH2O	20061114	0002	Composite	2006/11/15	Cd	< 0.01
RAWH2O	20061114	0002	Composite	2006/11/15	Co	< 0.02
RAWH2O	20061114	0002	Composite	2006/11/15	Cr	< 0.02

Raw Water Flow Augmentation (continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
RAWH2O	20061114	0002	Composite	2006/11/15	Cu	< 0.02	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Fe	0.288	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	K	< 2	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Li	< 0.01	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Mg	11.9	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Mn	0.191	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Mo	< 0.02	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Na	7.35	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Nb	< 0.2	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Ni	< 0.05	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	P	< 0.5	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Pb	< 0.1	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	S	8.55	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Sb	< 0.2	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Se	< 0.2	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Sr	0.130	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Th	< 0.2	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Ti	< 0.05	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Tl	< 0.2	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	V	< 0.02	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Zn	< 0.05	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Zr	< 0.2	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	As	< 0.002	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Be	< 0.0002	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Ag	< 0.0004	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Cd	< 0.001	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Co	0.000422	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Cr	< 0.004	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Cu	< 0.002	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Mn	0.136	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Mo	< 0.0004	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Ni	< 0.002	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Pb	0.000390	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Sb	< 0.001	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Se	< 0.004	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Th	< 0.0004	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Tl	< 0.0002	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Zn	0.00529	mg/L
RAWH2O	20061114	0002	Composite	2006/11/15	Surfactant	< 0.05	mg/L

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Appendix D
Storm Water Major Outfall Data

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Major Outfall 021

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
021	N/A	Field	18-Sep-06	pH	7.4		
021	20060912	0012	Grab	18-Sep-06	E. coli	1270	col/100ml
021	20060912	0012	Grab	18-Sep-06	HexExMatl	< 6.0	mg/L
021	20060912	0010	Composite	19-Sep-06	Hg	< 0.00021	mg/L
021	20060912	0010	Composite	19-Sep-06	Ag	< 0.02	mg/L
021	20060912	0010	Composite	19-Sep-06	Al	1.95	mg/L
021	20060912	0010	Composite	19-Sep-06	As	< 0.2	mg/L
021	20060912	0010	Composite	19-Sep-06	B	< 0.1	mg/L
021	20060912	0010	Composite	19-Sep-06	Ba	0.0395	mg/L
021	20060912	0010	Composite	19-Sep-06	Be	< 0.0005	mg/L
021	20060912	0010	Composite	19-Sep-06	Ca	22.0	mg/L
021	20060912	0010	Composite	19-Sep-06	Cd	< 0.01	mg/L
021	20060912	0010	Composite	19-Sep-06	Co	< 0.02	mg/L
021	20060912	0010	Composite	19-Sep-06	Cr	< 0.02	mg/L
021	20060912	0010	Composite	19-Sep-06	Cu	< 0.02	mg/L
021	20060912	0010	Composite	19-Sep-06	Fe	1.92	mg/L
021	20060912	0010	Composite	19-Sep-06	K	2.44	mg/L
021	20060912	0010	Composite	19-Sep-06	Li	< 0.01	mg/L
021	20060912	0010	Composite	19-Sep-06	Mg	4.76	mg/L
021	20060912	0010	Composite	19-Sep-06	Mn	0.129	mg/L
021	20060912	0010	Composite	19-Sep-06	Mo	< 0.02	mg/L
021	20060912	0010	Composite	19-Sep-06	Na	4.13	mg/L
021	20060912	0010	Composite	19-Sep-06	Nb	< 0.2	mg/L
021	20060912	0010	Composite	19-Sep-06	Ni	< 0.05	mg/L
021	20060912	0010	Composite	19-Sep-06	P	< 0.5	mg/L
021	20060912	0010	Composite	19-Sep-06	Pb	< 0.1	mg/L
021	20060912	0010	Composite	19-Sep-06	S	6.61	mg/L
021	20060912	0010	Composite	19-Sep-06	Sb	< 0.2	mg/L
021	20060912	0010	Composite	19-Sep-06	Se	< 0.2	mg/L
021	20060912	0010	Composite	19-Sep-06	Sr	0.0551	mg/L
021	20060912	0010	Composite	19-Sep-06	Th	< 0.2	mg/L
021	20060912	0010	Composite	19-Sep-06	Ti	0.0612	mg/L
021	20060912	0010	Composite	19-Sep-06	Tl	< 0.2	mg/L
021	20060912	0010	Composite	19-Sep-06	V	< 0.02	mg/L
021	20060912	0010	Composite	19-Sep-06	Zn	0.0694	mg/L
021	20060912	0010	Composite	19-Sep-06	Zr	< 0.2	mg/L
021	20060912	0010	Composite	19-Sep-06	As	< 0.002	mg/L
021	20060912	0010	Composite	19-Sep-06	Be	< 0.0002	mg/L
021	20060912	0010	Composite	19-Sep-06	Cd	< 0.001	mg/L

Major Outfall 021
 (continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
021	20060912	0010	Composite	19-Sep-06	Co	0.00116
021	20060912	0010	Composite	19-Sep-06	Cr	0.00553
021	20060912	0010	Composite	19-Sep-06	Ag	< 0.0004
021	20060912	0010	Composite	19-Sep-06	Cu	0.0110
021	20060912	0010	Composite	19-Sep-06	Mn	0.128
021	20060912	0010	Composite	19-Sep-06	Mo	0.00123
021	20060912	0010	Composite	19-Sep-06	Ni	0.00279
021	20060912	0010	Composite	19-Sep-06	Pb	0.00615
021	20060912	0010	Composite	19-Sep-06	Sb	< 0.001
021	20060912	0010	Composite	19-Sep-06	Se	< 0.004
021	20060912	0010	Composite	19-Sep-06	Th	< 0.0004
021	20060912	0010	Composite	19-Sep-06	Tl	< 0.0002
021	20060912	0010	Composite	19-Sep-06	U	0.00182
021	20060912	0010	Composite	19-Sep-06	Zn	0.0631
021	20060912	0010	Composite	19-Sep-06	KjeldahlN	< 0.58
021	20060912	0010	Composite	19-Sep-06	Surfactan	0.0554
021	20060912	0010	Composite	19-Sep-06	NO3/NO2asN	0.322
021	20060912	0010	Composite	19-Sep-06	PCB	0.49
021	20060912	0010	Composite	19-Sep-06	PCB-1016	0.49
021	20060912	0010	Composite	19-Sep-06	PCB-1221	0.49
021	20060912	0010	Composite	19-Sep-06	PCB-1232	0.49
021	20060912	0010	Composite	19-Sep-06	PCB-1242	0.49
021	20060912	0010	Composite	19-Sep-06	PCB-1248	0.49
021	20060912	0010	Composite	19-Sep-06	PCB-1254	0.49
021	20060912	0010	Composite	19-Sep-06	PCB-1260	0.49
021	20060912	0010	Composite	19-Sep-06	SuspSolids	16.0
021	20060912	0010	Composite	19-Sep-06	U	0.0018
021	20060912	0010	Composite	19-Sep-06	U235%	0.985
						wt %

Major Outfall 109

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
109	N/A	Field	2006/09/22	pH	7.7	
109	20060921	0001	Grab	E. coli	700	col/100ml
109	20060921	0001	Grab	HexExMatl	< 5.9	mg/L
109	20060921	0003	Composite	Hg	< 0.00021	mg/L
109	20060921	0003	Composite	Ag	< 0.02	mg/L
109	20060921	0003	Composite	Al	13.3	mg/L
109	20060921	0003	Composite	As	< 0.2	mg/L
109	20060921	0003	Composite	B	< 0.1	mg/L
109	20060921	0003	Composite	Ba	0.0968	mg/L
109	20060921	0003	Composite	Be	< 0.0005	mg/L
109	20060921	0003	Composite	Ca	31.5	mg/L
109	20060921	0003	Composite	Cd	< 0.01	mg/L
109	20060921	0003	Composite	Co	< 0.02	mg/L
109	20060921	0003	Composite	Cr	< 0.02	mg/L
109	20060921	0003	Composite	Cu	< 0.02	mg/L
109	20060921	0003	Composite	Fe	7.73	mg/L
109	20060921	0003	Composite	K	6.33	mg/L
109	20060921	0003	Composite	Li	0.0162	mg/L
109	20060921	0003	Composite	Mg	8.64	mg/L
109	20060921	0003	Composite	Mn	0.162	mg/L
109	20060921	0003	Composite	Mo	< 0.02	mg/L
109	20060921	0003	Composite	Na	4.19	mg/L
109	20060921	0003	Composite	Nb	< 0.2	mg/L
109	20060921	0003	Composite	Ni	< 0.05	mg/L
109	20060921	0003	Composite	P	< 0.5	mg/L
109	20060921	0003	Composite	Pb	< 0.1	mg/L
109	20060921	0003	Composite	S	6.05	mg/L
109	20060921	0003	Composite	Sb	< 0.2	mg/L
109	20060921	0003	Composite	Sc	< 0.2	mg/L
109	20060921	0003	Composite	Sr	0.0814	mg/L
109	20060921	0003	Composite	Th	< 0.2	mg/L
109	20060921	0003	Composite	Ti	0.446	mg/L
109	20060921	0003	Composite	Tl	< 0.2	mg/L
109	20060921	0003	Composite	V	< 0.02	mg/L
109	20060921	0003	Composite	Zn	0.137	mg/L
109	20060921	0003	Composite	Zr	< 0.2	mg/L
109	20060921	0003	Composite	As	< 0.005	mg/L
109	20060921	0003	Composite	Be	< 0.0002	mg/L
109	20060921	0003	Composite	Ag	< 0.0004	mg/L

Major Outfall 109
 (continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units	
109	20060921	0003	Composite	2006/09/22	Cd	< 0.001	mg/L
109	20060921	0003	Composite	2006/09/22	Co	0.00296	mg/L
109	20060921	0003	Composite	2006/09/22	Cr	0.0132	mg/L
109	20060921	0003	Composite	2006/09/22	Cu	0.0121	mg/L
109	20060921	0003	Composite	2006/09/22	Mn	0.154	mg/L
109	20060921	0003	Composite	2006/09/22	Mo	0.00155	mg/L
109	20060921	0003	Composite	2006/09/22	Ni	0.00733	mg/L
109	20060921	0003	Composite	2006/09/22	Pb	0.00817	mg/L
109	20060921	0003	Composite	2006/09/22	Sb	< 0.001	mg/L
109	20060921	0003	Composite	2006/09/22	Se	< 0.004	mg/L
109	20060921	0003	Composite	2006/09/22	Th	0.00144	mg/L
109	20060921	0003	Composite	2006/09/22	Tl	< 0.0002	mg/L
109	20060921	0003	Composite	2006/09/22	U	0.00200	mg/L
109	20060921	0003	Composite	2006/09/22	Zn	0.124	mg/L
109	20060921	0003	Composite	2006/09/22	KjeldahlN	< 1	mg/L
109	20060921	0003	Composite	2006/09/22	Surfactan	< 0.05	mg/L
109	20060921	0003	Composite	2006/09/22	NO3/NO2asN	0.335	mg/L
109	20060921	0003	Composite	2006/09/22	PCB	0.47	ug/L
109	20060921	0003	Composite	2006/09/22	PCB-1016	0.47	ug/L
109	20060921	0003	Composite	2006/09/22	PCB-1221	0.47	ug/L
109	20060921	0003	Composite	2006/09/22	PCB-1232	0.47	ug/L
109	20060921	0003	Composite	2006/09/22	PCB-1242	0.47	ug/L
109	20060921	0003	Composite	2006/09/22	PCB-1248	0.47	ug/L
109	20060921	0003	Composite	2006/09/22	PCB-1254	0.47	ug/L
109	20060921	0003	Composite	2006/09/22	PCB-1260	0.47	ug/L
109	20060921	0003	Composite	2006/09/22	SuspSolids	146	mg/L
109	20060921	0003	Composite	2006/09/22	U	0.0017	mg/L
109	20060921	0003	Composite	2006/09/22	U235%	5.53	wt %

Major Outfall 200

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
200	N/A	Field	2006/09/18	pH	7.7	
200	20060830	0059	Grab	E. coli	909	col/100ml
200	20060830	0059	Grab	HexExMatl	< 6.3	mg/L
200	20060831	0004	Composite	Hg	0.00202	mg/L
200	20060831	0004	Composite	Ag	< 0.02	mg/L
200	20060831	0004	Composite	Al	1.06	mg/L
200	20060831	0004	Composite	As	< 0.2	mg/L
200	20060831	0004	Composite	B	0.110	mg/L
200	20060831	0004	Composite	Ba	0.0559	mg/L
200	20060831	0004	Composite	Be	< 0.0005	mg/L
200	20060831	0004	Composite	Ca	39.2	mg/L
200	20060831	0004	Composite	Cd	< 0.01	mg/L
200	20060831	0004	Composite	Co	< 0.02	mg/L
200	20060831	0004	Composite	Cr	< 0.02	mg/L
200	20060831	0004	Composite	Cu	0.0240	mg/L
200	20060831	0004	Composite	Fe	1.46	mg/L
200	20060831	0004	Composite	K	2.26	mg/L
200	20060831	0004	Composite	Li	0.0389	mg/L
200	20060831	0004	Composite	Mg	8.51	mg/L
200	20060831	0004	Composite	Mn	0.238	mg/L
200	20060831	0004	Composite	Mo	< 0.02	mg/L
200	20060831	0004	Composite	Na	6.20	mg/L
200	20060831	0004	Composite	Nb	< 0.2	mg/L
200	20060831	0004	Composite	Ni	< 0.05	mg/L
200	20060831	0004	Composite	P	< 0.5	mg/L
200	20060831	0004	Composite	Pb	< 0.1	mg/L
200	20060831	0004	Composite	S	9.66	mg/L
200	20060831	0004	Composite	Sb	< 0.2	mg/L
200	20060831	0004	Composite	Se	< 0.2	mg/L
200	20060831	0004	Composite	Sr	0.106	mg/L
200	20060831	0004	Composite	Th	< 0.2	mg/L
200	20060831	0004	Composite	Ti	< 0.05	mg/L
200	20060831	0004	Composite	Tl	< 0.2	mg/L
200	20060831	0004	Composite	V	< 0.02	mg/L
200	20060831	0004	Composite	Zn	0.190	mg/L
200	20060831	0004	Composite	Zr	< 0.2	mg/L
200	20060831	0004	Composite	As	< 0.002	mg/L
200	20060831	0004	Composite	Be	< 0.0002	mg/L
200	20060831	0004	Composite	Cd	< 0.001	mg/L

Major Outfall 200
 (continued)

Location	Sample ID	Sample Type	Date Collected	Parameter	Result	Units
200	20060831	0004	Composite	2006/09/18	Co	0.00126
200	20060831	0004	Composite	2006/09/18	Cr	< 0.004
200	20060831	0004	Composite	2006/09/18	Ag	< 0.0004
200	20060831	0004	Composite	2006/09/18	Cu	0.0232
200	20060831	0004	Composite	2006/09/18	Mn	0.231
200	20060831	0004	Composite	2006/09/18	Mo	0.0122
200	20060831	0004	Composite	2006/09/18	Ni	0.00499
200	20060831	0004	Composite	2006/09/18	Pb	0.00701
200	20060831	0004	Composite	2006/09/18	Sb	0.00107
200	20060831	0004	Composite	2006/09/18	Se	< 0.004
200	20060831	0004	Composite	2006/09/18	Th	< 0.0004
200	20060831	0004	Composite	2006/09/18	Tl	< 0.0002
200	20060831	0004	Composite	2006/09/18	U	0.0102
200	20060831	0004	Composite	2006/09/18	Zn	0.178
200	20060831	0004	Composite	2006/09/18	KjeldahlN	0.903
200	20060831	0004	Composite	2006/09/18	Surfactant	0.138
200	20060831	0004	Composite	2006/09/18	NO3/NO2asN	3.15
200	20060831	0004	Composite	2006/09/18	PCB	0.49
200	20060831	0004	Composite	2006/09/18	PCB-1016	0.49
200	20060831	0004	Composite	2006/09/18	PCB-1221	0.49
200	20060831	0004	Composite	2006/09/18	PCB-1232	0.49
200	20060831	0004	Composite	2006/09/18	PCB-1242	0.49
200	20060831	0004	Composite	2006/09/18	PCB-1248	0.49
200	20060831	0004	Composite	2006/09/18	PCB-1254	0.49
200	20060831	0004	Composite	2006/09/18	PCB-1260	0.49
200	20060831	0004	Composite	2006/09/18	SuspSolids	20.0
200	20060831	0004	Composite	2006/09/18	U	0.0101
200	20060831	0004	Composite	2006/09/18	U235%	0.439
						wt %



